TOSHIBA

SERVICE MANUAL

VIDEO CASSETTE RECORDER V-730EF, V-610EF, V-510EF V-430EF, V-230EF, V-220EF V-730UK, V-720UK, V-710UK V-430UK, V-230UK, V-220UK, *V-210UK* V-740EG, V-730EG, V-430EG V-230EG, V-210EG V-720W, V-710W, V-420W V-410W, V-220W, V-210W

CONTENTS

- 1. Precautions
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1. Precautions

- 1. Be sure that all of the built-in protective devices are replaced. Restore any missing protective shields.
- 2. When reinstalling the chassis and its assemblies, be sure to restore all pretective devices, including : control knobs and compartment covers.
- 3. Make sure that there are no cabinet openings through which people--particularly children --might insert fingers and contact dangerous voltages. Such openings include the spacing between the picture tube and the cabinet mask, excessively wide cabinet ventilation slots, and improperly fitted back covers.

If the measured resistance is less than 1.0 megohm or greater than 5.2 megohms, an abnormality exists that must be corrected before the unit is returned to the customer.

4. Leakage Current Hot Check (See Fig. 1-1):
Warning: Do not use an isolation transformer during this test. Use a leakage current tester or a metering system that complies with American National Standards Institute (ANSI C101.1, Leakage Current for Appliances), and Underwriters Laboratories (UL Publication UL1410, 59.7).

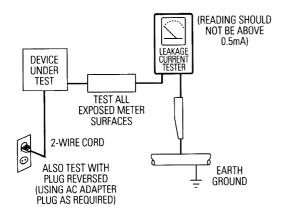


Fig. 1-1 AC Leakage Test

5. With the unit completely reassembled, plug the AC line cord directly the power outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known erath ground (metal water pipe, conduit, etc.) and all exposed metal parts, including: antennas, handle brackets, metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat the test.

6. Antenna Cold Check:

With the unit's AC plug disconnected from the AC source, connect an electrical jumper across the two AC prongs. Connect one lead of the ohmmeter to an AC prong.

Connect the other lead to the coaxial connector.

- 7. Some semiconductor ("solid state") devices are easily damaged by static electricity.

 Such components are called Electrostatically Sensitive Devices (ESDs); examples include integrated circuits and some field-effect transistors. The following techniques will reduce the occurrence of component damage caused by static electricity.
- 8. Immediately before handling sny semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging Wrist-strap device. (Be sure to remove it prior to applying power--this is an electric shock precaution.)
- 9. Design Alteration Warning: Never alter or add to the mechanical or electrical design of this unit. Example: Do not add auxiliary audio or video connectors. Such alterations might create a safety hazard. Also, any design changes or additions will void the manufacturer's warranty.
- 10. Never defeat any of the B+ voltage interlocks. Do not apply AC power to the unit (or any of its assemblies) unless all solid-state heat sinks are correctly installed.

- 11. Always connect a test instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.
- 12. Observe the original lead dress, especially near the following areas: Antenna wiring, sharp edges, and especially the AC and high voltage power supplies. Always inspect for pinched, out-of-place, or frayed wiring. Do not change the spacing between components and the printed circuit board. Check the AC power cord for damage. Make sure that leads and components do not touch thermally hot parts.

13. Product Safety Notice:

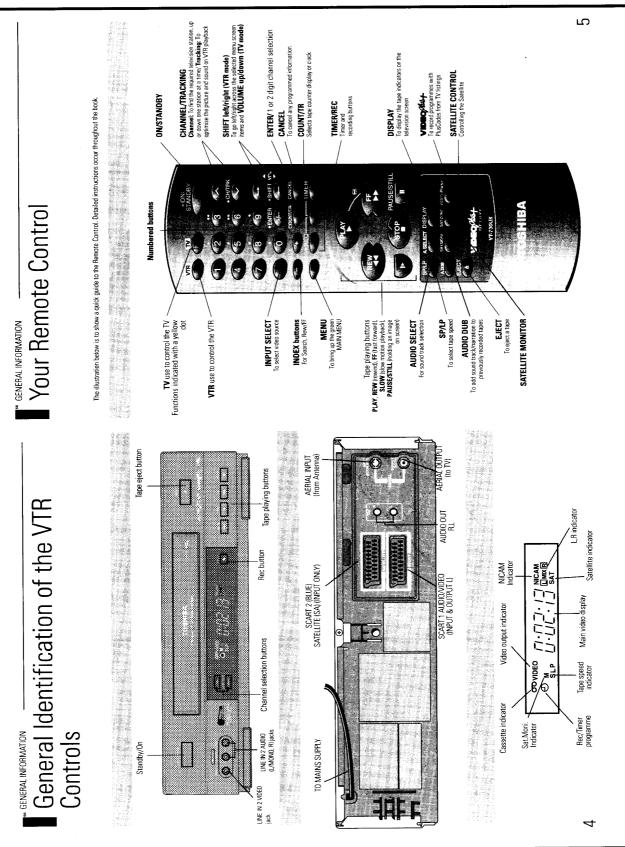
Some electrical and mechanical parts have special safety-related characteristics which might not be obvious from visual inspection. These safety features and the protection they give might be lost if the replacement component differs from the original--even if the replacement is rated for higher voltage, wattage, etc.

Use replacement components that have the same ratings, especially for flame resistance and dielectric strength specifications. A replacement part that does not have the same safety characteristics as the original might create shock, fire or other hazards.

1-2 Toshiba

2. Reference Information

2-1 Operation of Controls



GENERAL INFORMATION

Preparing your Remote Control

The Remote Control handset is needed to operate your new Toshiba video recorder. If used correctly, it should give years of trouble-free wewing. Please take good care of it, always observing the correct polarities when replacing the batteries.

When first connected to the mains electricity supply the VTR will automatically search and store TV stations in memory and also set the clock. But remember, you must connect the Aerial before connecting the VTR to the power supply.

Connecting the Leads and Auto

GETTING STARTED

Set Up

Connect the Aerial Cable to the VTR (Aerial Input)

Satellite users: Refer to section SATELLITE CONTROL

starting on page 26.

Connect another Aerial Cable from the VTR (Aerial Output) to the TV.

2

DO NOT PLUG THE VTR INTO THE MAINS LIVITIES AFTER YOU HAVE CONNECTED THE ARRAL CABLE

Carefully open the battery compartment on the rear of the Remote Control by sliding in the direction of the

Insert both batteries taking care to observe the correct polarity (+ and -). The 2 Toshiba batteries supplied are Cadmium- and Mercury-free (UM-4, AAA, IECR03, 1.5v).

Connect a SCART Lead from the VTR to the TV as shown. Connecting via a SCART Lead will give better picture and sound quality, It will also enable the telewision to automatically switch over whenever a tape is

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Replace the cover of the battery compartment.

DO NOT throw your batteries into a fire. Dispose of your batteries in a designated disposal area. DO NOT mix an old battery with a new one. DO NOT mix battery types.

If you have connected with a SCART Lead you will see various television stations appear and disappear on your television.

Now turn the page to continue the Auto Set Up.

The display on the VTR will flash 'AUTO' for about

Now turn on the television.

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Aerial Cable

SCART Lead

Connect the VTR to the power supply with the Power Cable.

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Ромег СаЫе

SCART IN/OUT

SATELLITE

NOTE: WHERE POSSIBLE, ALWAYS CONNECT. USING A SCART LEAD FOR IMPROVED SOUND AND PICTURE DUALITY.

For optimum performance your Remote Control will operate within a distance of 7 metres and up to 30° from the central position.

Aerial Cable

If the Remote Control does not work, press the VTR button and make sure the batteries are in good

90 e81137.

If you get any problems contact the helpline...

Toshiba

GETTING STARTED

Auto Set Up continued

After connecting the Leads as on page 7 and Auto Set Up has run, one of the following screens will be displayed. If not, select the AV channel on the television manually. If you have not connected the VTR using a SCART Lead select the channel on the TV that you normally watch wideos on and tune this channel until you find one of these screens. Store this channel and select it every time you watch a video.

All Channels Found. The numbers in the right hand column may be different. This screen will be displayed if

Turn on the TV and select the channel on which you watch videos.

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It is important that you check Auto Set Up has stored the channels in the correct order on the VTR for the operation of

Telephone A

Checking the Auto Set Up

GETTING STARTED

Press the MENU button twice on the Remote Control to automatically set the clock.

Go to page 9, Checking the Auto Set Up.

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squares. They may be stored in positions 7 channels identified by the white flashing This screen will be displayed if Some Channels Found. The VTR has been unable to find the

25 32 32

Press the MENU button and refer to Channel Swapping on page 10.

This screen will be displayed if No Channels Found. က

correctly and press the number button 0 on the Remote Control. The VTR has been unable to find any channels. Check that the Aerial is connected

Press the MENU button and select CLOCK SET from the

green MAIN MENU screen.

If no channels are found the clock will not set

Using the number buttons on the Remote Control set

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If no channels are found a second time, see page 12, Manual Tuning.



Once the Date and Time have been set press the MENU button to exit .

E.g. for April, which is 4, press 0.4. For single numbers press 0 first.

...If you get any problems contact the helpline 0800

Note: Regional variations—from some areas of the country you may be able to receive broadcast from more than one region. If your preferred regional broadcast is stored in position 7 or above please use the *Channel Swapping* facility as described on page 10.

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AUTO SET UP

Programme position number בע כע Using the **CH/TRK** P 0 buttons on the Remote Control, check that the order of the TV stations (the programme position number) Now turn on the VTR.

The programme position number will change as you press the CH/TRK P Q buttons. stored on the VTR is as follows:

TV Station
BBC1
BBC2
ITV
Channel 4
Channel 5*
Satellite Program Positio

(if you use a different order VIDEO Met will not work) Any other stations will be stored in program positions

Page 10. If Channel 5 has not been stored and all other channels have been it *Channel 5 is only available in some areas of the country (and the reception stored in 7 or above and use the Channel Swapping function as detailed on may be poor). If Channel 5 is not stored in position 5 check to see if it is is likely that channel 5 is not available in your area.

THE SET UP IS NOW

MAKE RECORDINGS.
Refer to the BASIC OPERATION section which starts You are now ready to PLAYBACK TAPES and on page 14.

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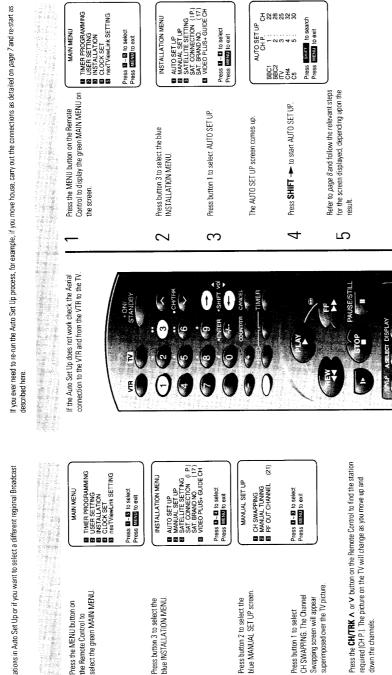
Restarting Auto Set Up

GETTING STARTED

SETTING STARTED

Channel Swapping

You only need to use this section if the VTR did not tune in all of the stations in Auto Set Up or if you want to select a different regional Broadcast on a channel position.



Press II - IS to select Press MANU to exit

Press button 3 to select the blue INSTALLATION MENU.

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MAIN MENU

the Remote Control to select the green MAIN MENU.

Press the MENU button on

E CH SWAPPING
E MANUAL TUNING
B RF OUT CHANNEL MANUAL SET UP

Press button 2 to select the blue MANUAL SET UP screen.

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Press II - IS to select Press MENU to exit

4

superimposed over the TV picture. Press button 1 to select CH SWAPPING. The Channel Swapping screen will appear

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Press II. I to select Press MENU to exit

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CH P. v/n to find station Select NEWCH P. press ID - E. Press SHIFF to swap Press MENU to exit NEW CH P. CH SWAPPING

position (NEW CH P.) using

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the number buttons on the Remote Control, e.g. for 5

E.g. If you were to find Channel 5 stored in position 7: Select the new channel press number buttons 0 and 5.

Press SHIFT -> to swap the channels.

The station now displayed has been saved in the channel position indicated

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Continue for all the other channels to be swapped. When all the missing stations have been found press the MENU button to exit and see page 9. Checking the Auto Set Up. ∞

...If you get any problems contact the helpline

GETTING STARTED

Manual Tuning and Cable TV Installation

Manual Tuning is available as a back-up if Auto Set Up does not work due to poor Broadcast Reception. When using Manual Tuning you will need to use the information on both of the TV screen and the VTR front display panel.



Position number 1 CHANNEL 4: CHANNEL 5: Satellite/Cable:

Position number 2 Position number 3 Position number 4

Position number 5 Position number 6

Press number button 2 to select the blue MANUAL SET UP screen and then 2 again for MANUAL Press number button 3 to select the blue INSTALLATION screen. \mathcal{C} 2

Press the SHIFT - or - to highlight the program position you wish to tune, then press the CH/TRK wish to store. The TV will display the programme as v repeatedly until you find the channel you

When the correct TV signal is showing repeat step 3 for the other TV stations and for the Satellite stations if your Satellite receiver is not connected by a SCART Lead.

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exit. Channel Tuning is now complete and you can Press the MENU button on the Remote Control to വ

The 'Range' option has no function in the UK.

Additional RF Tuning Information

In some areas of the country you may experience interference from other broadcast stations or from other AV equipment. This may be reduced or eliminated by choosing to turn OFF the RF output from your VTR

If a SCART Lead has been used as detailed in the GETTINS STARTED section and you are experiencing problems with interference from other equipment or channels, you can turn OFF the RF output:



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PR. = Programme Position number on the VTR

Press the MENU button on the Remote Control to display the green MAIN MENU.

B AUTO SET UP
B MANUAL SET UP
G SATELITE SETTING
SAT CONNECTION (IP.)
SATI BRAND NO. (77)
E VIDEO PLUS+ GUIDE CH Press New to select

CH SWAPPING
MANUAL TUNING
R PF OUT CHANNEL MANUAL SET UP Press [1 - 13] to select Press Maxu to exit

Press the MENU button on the Remote Control to display the green MAIN MENU.

Press number button 3 to select the blue INSTALLATION MENU.

Press button 2 to select MANUAL SET UP.

Press button 3 to select RF OUT CHANNEL

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Press SHIFT → or ← until OFF appears in the RF OUT CHANNEL option

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Press MENU to exit.

If you still believe you are having interference problems, consult your dealer or ring the Toshiba Helpline. 9

CH SWAPPING MANUAL TUNING RF OUT CHANNEL (OFF) Press SHIFT to change the channel number Press MAND to exit MANUAL SET UP

Note. The VTR must display a position, number before tuning in can start. Remove any tape and if L1, L2 or SA is displayed press the INPUT SELECT button on the Remote Control so that a position number is displayed.



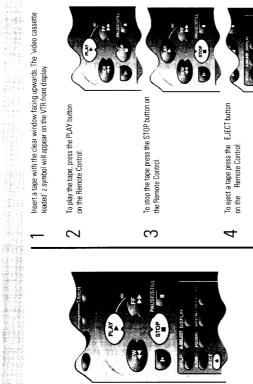


BASIC OPERATION

BASIC OPERATION

Watching a Pre-Recorded Tape

If you insert a commercially pre-recorded tape, it will automatically start to play, If you have not used a SCART tead you will first need to select the channel on the television that you watch videos on (refer to Additional RF Turing Information on page 13). The VTR is fitted with an autohead cleaner which automatically cleans the video heads during playdack.



Insert a tape with the clear window facing upwards. The 'video cassette loaded' z symbol will appear on the VTR front display. To stop the tape press the STOP button on the Remote Control. To eject a tape press the EJECT button on the Remote Control. To play the tape, press the PLAY button on the Remote Control.

To play the tape, press the PLAY button on the front of the VTR.

To stop the tape press the STOP button.

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To eject the tape press the EJECT button.

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To manually adjust Tracking

As each VTR is different, slight adjustments need to be made in the way the tape is read. This is called 'Tracking.'

With a tape in and playing, hold down either the **CH/TRK** A or V button on the Remote Control until the best possible picture and

possible picture and sound; Digital Auto Tracking. The DT (Digital Tracking) indicator will flash while this

adjustment takes place and the playback picture and sound may be distorted. The VTR will automatically adjust the Tracking as best it can.

automatically adjusts the Tracking to obtain the best

When playback starts the video recorder

To resume Automatic Digital Tracking, press the two **CH/TRK** buttons on the Remote Control. 2

If you playback rented tapes or tapes recorded on other machines, you may occasionally find that the Digital Auto Tracking is not able to improve the picture sufficiently. In these instances you will need

to adjust the Tracking manually.

90 VIDEO

If the tape is old or worn, it may be impossible to improve the picture performance. က

If you press the PAUSE/STILL button the image may shimmer. This may also be reduced by adjusting the Tracking,

BASIC OPERATION

Variable Speed Playback

When viewing a tape it can be played at various speeds. This is called Picture Search.

As well as normal playback, you can view a tape at

Picture Search enables you to Fast Forward or Rewind and look for a particular part of a tape.

Press PLAY, the VTR will enter normal play mode. While in play, press and release the FF (or REW) button. The VTR will search at 5 times the normal playback speed.

To return to normal playback mode, press the PLAY button.

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When watching a tape, you can look for a particular scene by pressing either the FF or REW button or view the tape in slow playback using the SLOW button. In deteriorate. If you view a tape recorded in Long Play (LP) mode, or recorded on another VTR, the picture quality may be poor or even in black and white. Picture Search, the quality of the image may

Improvements can sometimes be made by adjusting the Tracking, see page 15.



Likewise, while in Picture Search REW mode, if you press the REW button again, the VTR will enter normal Rewind mode. $\mathbf{2}$

If, when Rewinding (REW) or Fast Forwarding (FF), you press the REW (or FF) button, the VTR will enter the Picture Search mode. 9

f you press the SLOW button once again, the playback will slow down to 1/12th To view a tape in Slow Motion, when in PLAY, press and release the SLOW button on the Remote Control. The playback will slow down to 1/sth of normal

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Press PLAY to resume normal playback ∞

If you press and HOLD down the FF (or REW) button the VTR will search at 9 While in Picture Search mode, if you press the FF button again, the VTR will

Mote: Fast moving images may shimmer when Freeze Frame is selected. This can sometimes be reduced by adjusting the Tracking, see page 15.

Note: If left unattended for about 5 minutes in the Picture Still mode, the Freeze

Frame will cancel and the VTR will revert to PLAY

Trick Play Functions

BASIC OPERATION

When in PLAY, if you want to hold an image on screen, simply press the PAUSE/STILL button.

To advance one frame at a time, press and release the PLAY button.

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This will freeze the frame for about 5 minutes.

To resume PLAY, press the PAUSE/STILL button again

Press and hold the PLAY button.

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Holding images and advancing frames on the screen.



times the normal speed. Releasing the FF button will return the VTR to search at 5 times the normal speed. To return to normal playback mode.

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speed. If you press and HOLD down the FF (or REW) button the VTR will Rewind speed.
To return to normal playback, press PLAY. search at 9 times the normal button, the VTR will enter speed. If you release the normal Fast Forward/

When in PLAY mode press the FF (Fast Forward) or REW (Rewind) button on the front of the VTR. The VTR will search at 5 times the normal playback

When in Picture Search or Slow Motion, the quality

of the image may deteriorate.

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RECORDING

VIDECOMM+ is the easiest way to record TV programmes, using short numerical codes. The PlusCode programming numbers shown in most TV listings pages, tell the video recorder when to start and stop recording a particular programme. These numbers appear after the programme description.

Videoplus+ and Pluscode are trademarks of GEMSTAR development corp. Videoplus+ system is

nanufactured under license from GEMSTAR development corporation

Before you begin: Turn on the VTR and Ensure the clock is set correctly.

been stored correctly on the VTR as in Make sure that the TV stations have the order shown on page 12. Press the VIDEO Plus+

button on the Remote Control.

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6

4 0

(🖷 PLUSCODE Enter the PlusCode, using the number buttons programme with a PlusCode of 1234, press 1234. Check that you have entered the numbers correctly and press the VIDEO Plus+ on the Remote control. E.g. to record a TV

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0

Enter PLUSCODE and press VIDEO PLUS+ Press CANCEL to cancel Press Maxifoexit button to confirm. If you make a mistake, simply press the CANCEL button and re-enter

You are now prompted to confirm how many times you want to record this event -i.e. ONCE, DAILY or WEEKLY, e.g. ONCE, Press 1

4

Select rec frequency

ONCE

DAILY (MO ~ FR)

WEEKLY

PLUSCODE (1234

The TV will now confirm the programme

Press 1 - 2 to select
Press cancer ancel
Press ment to exit

e.g. PDC ON/OFF* and the tape speed: 1 for entered, along with the recording defaults, that relates to the PlusCodes or 2 for LP (Long Play). 2

14:39 TH CH DATE ON OFF SPO SA ONCE 18 17:00 - 17:30⁵D_C SP

If you wish to change the speed use SHIFT — and move to SPD, then press 1 for short play or 2 for long play.

Press 1 - 6 to select Press TMEB record

VIDEO/244 recording press the VIDEO Plus+ button again and repeat steps 3 to 4. If you wish to enter another

9

If OK, press the two TIMER buttons at the same time. The TIMER indicator on the front panel of the VTR will light up. /

To cancel the Timer, press the two Timer buttons again, then the ON/STANDBY button

Recording the selected video channel at the touch of a button.

One Touch Record - Advanced OTR

One Touch Recording enables you to record what is currently showing and set the off timer for up to 4

hours in advance.

the desired channel number using the CH/TRK A v buttons on the Turn on the VTR and select Remote Control.

000

Insert a video tape.

2 8

To record what is currently showing, simply press the two REC buttons on the Remote

A red dot will be displayed below the video cassette loaded' symbol.

00

This will set the VTR to record until either the STOP button is pressed or the end of the tape is reached.

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Turn on the TV and select the video channel.

Turn on the VTR and select the desired channel number using the channel buttons on the front of the VTR.

When using Advanced OTR the VTR will count the time from the hour and 1/2 past the hour. If you press the REC button at 14:15 - the 1st off time shown will be 14:39, pressing the REC button

again will set an off time of 15:00.

Advanced OTR starts recording simply at the

touch of a button.

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symbol on the front of the VTR.

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Insert a video tape. Press the REC button. A red symbol will be displayed below the 'video cassette loaded'

The VTR will continue to record until the \$TOP button is pressed or the tape runs out

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B

the VTR you can set the VTR to record for a preset time. The VTR display will show the By repeadtedly pressing the REC button on time that the recording will stop and a red timer symbol will appear.

Twice
Three times
Four times
Five times
Six times
Seven times
Eight times

delay the the stop time) press the REC button on the VTR repeatedly to extend in 30 if you wish to skip a scene or adverts, simply press the PAUSE/STILL button. This To STOP an OTR, simply press the STOP button. To extend the recording time (i.e. will pause the recording. To start the recording again, simply press the

NOTE: Advanced OTR only works with the REC button on the PAUSE/STILL button again. front of the VTR.

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If you have selected PDC ON (see page 23) do not change the advertised start time of the programmes or the video will not record.

PDC WARNING PLEASE NOTE.

Toshiba

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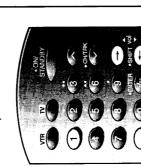
RECORDING

Using On-Screen Programming

Before recording a television troadcast, the clock, date and year must be correct. By setting the "ADJUST CLOCK" on, see page 24, the VTR will check and correct the clock each morning at 8am provided the VTR is in Standby.

Note: Use the SHIFT—p or —buttons on the Remote Control to the move the cursor forwards or backwards. If you make a mistake, simply press the SHIFT —b tutton to move back and re-enter the number.

Timer recordings can easily be made using the On-Screen Programming function. Up to 6 timed events can be set for up to one month in advance.



position 1, there are 6) using the numbered buttons on the Remote Control, e.g. Button Select the first available event (usually Press number 1 to select the blue TIMER PROGRAMMING screen. 2 \sim

Press 1. - 5 to select Press Menu to exit

press the INPUT SELECT button on the Remote screen. Select the channel position number buttons. If you want to record from L or SA, Control (see page 4 for appropriate Input): Follow the prompts at the bottom of the e.g. 01 for Channel 1 using the number L1 = SCART; L2= F/AV.

want to record this event, i.e. ONCE, DAILY, or WEEKLY. Press 1. 2 or 3 accordingly. Confirm the Confirm how many times you

2

042 HO

22. 6. ON

15:31 CH DATE

Press 13 - 6 to select Press MENU to exit

00 TH

22. 6. Ov.

15:31 CH DATE

can record up to 1 month in advance. All you need to do is simply put in the date (NOT the month) and the VTR will store the information. Set the date you want the recording to take place, e.g. 29 for the 29th. The VTR

9

22 6. '00 TH ON OFF SPD

15:31 CH DATE

/

1

time, using the number buttons on the Remote Select Programme Delivery Control (PDC*) ON 2 for LP (Long Play). Repeat for all remaining Set the recording START time and FINISH Control. E.g. START 1 9 3 0 FINISH 2 0 2 0. timed recordings that you wish to make. or OFF: number button 1 for ON, Select the desired tape speed 1 for SP (Standard Play) or 2 for OFF - see page 23.

> To cancel any programmed information, select TIMER with the event number highlighted e.g. 1, press the CANCEL futton to clear the programmed information. PROGRAMMING from the green MAIN MENU and,

E 1 1048 29 19:30 ~ 20:20 ecc :#

Press 1 - 5 to select Press TIMER to record

wish to turn the Timer off for any reason simply press the 2 TIMER buttons again.

Bon't forget to put it back in Timer mode, or it will not make a recording Remote Control at the same time. The VTR switches to 'Timer On' mode. If you Press BOTH THE TIMER buttons on the

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*PDC WARMING PLEASE NOTE:
If you have selected PDC *ON*(see page 23) do not change the advertised start time of the programmes or the video will not

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Jser Settings – Tape Select and RECORDING

Presetting the video to your chosen recording defaults using the USER SETTING screen from the green MAIN MENU.

The USER SETTING screen has 2 displays.

II TIMER PROGRAMMING
INSTALLATION
INSTALLATION
INSTALLATION
INSTALLATION
INSTALLATION
INSTALLATION
INSTALLATION
INSTALLATION

■ TAPE SELECT (€180)
■ ECO. MODE (OFF)
■ NTSC ON PAL TV (ON)
■ video PLUS+ EXTEND (OFF)
■ COLOUR Press 🖪 - 🖪 to change

USER SETTING

By pressing **SHIFT** → whilst on the USEA SETTING **1/2** screen you will progress to the USEA SETTING **2/2** screen. Press **SHIFT** ← and you will go back to USEA SETTING screen

TIMER PROGRAMMING
I USER SETTING
INSTALLATION
CLOCK SET
I PEXTVIEWLING

MAIN MENU

Press the MENU button to display the green

Press 11 - 15 to select Press Menu to exit

Note: If you suffer a power failure the settings will need to be reset.

ONF SP0

. 22. 6. . 0N

15:31 CH DATE

for position 1.

4

picture and sound. For the VTR to able to calculate you must first tell it what length of If you wish to use the tape counter to display the time remaining on a cassette, you must indicate the type of cassette inserted. Standard Play gives a better quality

Press the MENU button on the Remote Control to display the green MAIN MENU.

Press number button 2 to select the

Press number button 1 2

USER SETTING 1/2

■ TAPE SELECT

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(E180), (E240), (E260) and (E300)

Having selected the length of tape that is in the VTR, press the MENU button

twice to exit.

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ECO MODE is useful if you already have a clock display eg, on another Set Top Box, to save energy and for security. Without the clock display, the VTR is more difficult to spot in the dark.

In normal Standby mode the display on the front of the VTR shows clock. When ECO Press the MENU button on the Remote Control to MODE is on this light turns red.

Press number button 2 to select the USER SETTING 1/2 screen. display the green MAIN MENU.

Press button 2 to turn ECO MODE ON. Now, when the VTR is in Standby mode

8

Z ECO MODE

USER SETTING 1/2

the front display ganel will shut off.
Even the clock disappears. By pressing the Standby button again on the
Remote Control the display panel will reappear.

Press MENU to exit.

4

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Note: Ensure you connect the VTR to the television using a SCART Lead.

VIDEO MARE EXTEND and Colour NTSC on PAL TV,

Note: If you suffer a power failure the settings will need to be reset.



Press the MENU button on the Remote Control to display the green MAIN MENU. See page 25 NTSC Playback.

NTSC is the television standard used in many parts of the world.

Press number button 2 to select the blue USER SETTING screen. 3 2

Press number button 3 repeatedly to select between 0N or 0FF.

■ NTSC ON PAL TV (ON) USER SETTING 1/2

VIDEO PLUS+ EXTEND (OFF) repeatedly to set the VIDEO PLUS+ EXTEND As steps 1-2 above and press button 4

USER SETTING 1/2

recording; press the MENU button on the Remote Control, choose 1, TIMER PROGRAMMING, select the programme the PDC recording will remain until you cancel/clear the

and press the CANCEL button

PDC only works when the VTR is programmed and in the

time by increments of 10 minutes.

To turn off, press 4 repeatedly until OFF shows.

2

To view video tapes in Colour the COLOUR option must be set to ON. However, when viewing black and white tapes you may find that by choosing OFF the picture is improved.

Press the MENU button on the Remote Control to display the green MAIN MENU.

Press number button 2 to select the blue USER SETTING screen. 7

Press number button 5 to select between 0N or 0FF. $^{\circ}$

ÑO. USER SETTING 1/2 E COLOUR

OSD Background and PDC



tape is played, no broadcast signal is received or there is no signal from the selected source, e.g. camoorder is connected but not switched on. The Blue Background feature will automatically display a blue screen when a blank

Press the MENU button on the Remote Control to display the green MAIN MENU.

Press number button 2 to select the USER SETTING 1/2 screen.

SETTING 2/2 screen. Press the number button 1 to turn OSD BACKGROUND ON. Press the SHIFT > to go to USER က

Press MENU twice to exit.

4

 OSD BACKGROUND(OFF)
 PDC DEFAULT (OFF)
 ADUIST CLOCK (ON)
 16:9
 G (OFF)
 NICAM (OFF) Press II. (5) to change Press SHIFT to previous USER SETTING 2/2

staris. Typically, when you want to record a programme you will tail the VTR to start recording, probably, five minutes before the *achentised* starting time of the programme and to finish ten minutes or so after the programme is due to finish. So even if the schedule is changed from that advertised, you may miss the desired programme which Programme Delivery Control is a system of telling the VTR when a programme actually wanted to record. However when live programmes over-run or the day's television programme starts early or finishes late you will normally still get to see what you recording has been made the programme will remain in the VTR's memory. If you fail to set the VTR back to Timer Mode Timer Mode. If you set the VTR back to Standby before the

may have been delayed or even cancelled. With PDC the VTR will wait until the signal is sent to confirm the programme is starting and the V?R will record the programme even if it is two or more, hours late.

Press the MENU button on the Remote Control to display the green MAIN MENU.

USER SETTING 2/2

SETTING 1/2. 2 $^{\circ}$

4

2

Note: Currently, not all broad

23

■ OSD BACKGROUND(OFF)
■ PDC DEFAULT (OFF)
■ ADJUST CLOCK (ON)
■ 16.9
■ (OFF)
NICAM (OFF) S II = I to change s III = I to previous Press **SHIFT →** to proceed on to the USER SETTING screen 2/2. Press number button 2 to select ON in Press number button 2 to select USER PDC DEFAULT option Press MENU to exit.

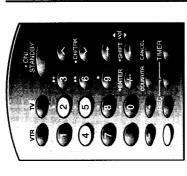
 \mathbb{Z}

25

RECORDING

Adjust Clock, nexTViewLink **Jser Settings** continued

You can preset the video to your chosen recording defaults by using the USER SETTING screens from the green MAIN MENU. ONLY USE THESE OPTIONS IF YOU HAVE A nexTViewLink TELEVISION.



Press button 3 to turn ADJUST CLOCK OFF and press MENU to exit. Press the MENU button on the Remote Control to Press button 2 to select the USER SETTING 1/2 screen. Press the SHIFT → to go to USER SETTING display the green MAIN MENU. က

(A)

USER SETTING 2/2

MADJUST CLOCK (ON)

By setting the ADJUST CLOCK to 0N there will be no need to adjust the clock

manually. This will be automatically carried out for you daily

to select the green MAIN MENU. Press button 5 to select the nexTViewLink SETTING screen. Press the MENU button on the remote control

I TIMER PROGRAMMING B USER SETTING I INSTALLATION I CLOCK SET I DEXTVIEWLING

MAIN MENU

Press number button 1 to select TV CH P.DOWNLOAD. By pressing the number buttons to select the channels, download the Having downloaded the channel order you must now instruct the VCR to accept this channel orders by pressing SHIFT →

2

Note: Ensure you connect the VTR to the televish using a SCART Lead.

Press II - IS to select Press MANU to exit

9

information. Follow the on screen instructions. Press the MENU button to exit TV CH

 \mathcal{C}

TV CH P. DOWN LOAD

TV PICTURE RECORD (OFF) nexTViewLink SETTING

P. DOWNLOAG screen. Now select 2 TV PCOWNLOAG screen. Now select 2 TV PCTURE RECORD from the next ViewLink SETING memand press number button 2 change to QN. To turn wits stolity off, press button 2 whilst in the next ViewLink SETING PV screen. 4

In the future, new types of **Teletext** may be available. This Electronic Programming Guide (EPC) will enable you to utilise **nexTViewLink**. However, before you can use nexTViewLink you must set the VTR to receive information from a nexTViewLink TV. TV CH P.DOWN LOAD', the first option will enable you to download the channel order that is stored on your TV.

nexTViewLink

Press T ~ Z to select Press MEXU to exit

TV CH P. DOWN LOAD

당 :

Having done this, you can then send instructions directly from

the nexTViewLink pages.

THESE OPTIONS ONLY WORK WITH A nexTViewLink TELEVISION.

Having downloaded the channel order and set the TV PICTURE RECORD to ON you can now instruct the VCR to record information from the from the current television station, *irrespective* of what channel the VCR is set to (unlike the OTR function) by pressing the two REC a news item and decide to record it. Because the setting on the PICTURE RECORD was turned ON the VCR will automatically record television. For example, you may be watching വ

The TV will automatically switch the VCR into Timer Mode.

The VTR automatically adjust the image to fill the wide TV screen when you play back a tape commercially available which is recorded in the wide 16:9 (Wide Screen Compatibility screen format, or when you record or play back a wide TV programme via the connected satellite receiver, etc. 0

Press the MENU buton on the remote control to select the green MAIN MENU.

TIMER PROGRAMMING
BUSTALLATION
INSTALLATION
CLOCK SET
DexTViewLink SETTING

MAIN MENU

Press D - E to select Press MENU to exit

Press button 2 to select the USER SETTING 1/2 screen. Press the SHIFT → to go to USER SETTING 2/2

Press button 4 to set "16:9" 2

AUTO: Set when you use a Wide TV. The VTR detects wide TV programmes and normal TV programmes automatically when playing back \mathcal{C}

COS BACKGROUND(OFF)
 PON DEFENT
 ADUST CLOCK (ON)
 B 169 (OFF)
 NICAM (OFF)
 NICAM (OFF)
 Pess B 10 change
 Press SMIM to previous

USER SETTING 2/2

ON: The VTR always plays back and records in the mode compatible with 16:9 wide screen. Set f the VTR cannot detect wide TV programmes with "AUTO" set.

JFF: Set if you do not use a wide TV.

Press the MENU to exit. 4

Press SHIFT . to DOWN LOAD Press MENU to exit nexTViewLink SETTING ■ TV CH P. DOWN LOAD

TV PICTURE RECORD (OFF Press B~Z to select Press MENU to exit

NTSC Playback

NTSC is the broadcasting standard used in Japan and the USA. The VTR has a function that enables you to view NTSC tapes.

Playing back a cassette on a PAL ONLY TV

The VTR will decode NTSC signals, so the NTSC option available on the VTR must

Press the MENU button to display the green MAIN MENU.

MAIN MENU

E TIMER PROGRAMMING
E USER SETTING
E INSTALLATION
E CLOCK SET
E REAL SET
E REAL SET
E REAL SET Press II. 5 to select Press MENU to exit

TAPE SELECT (E180)
ECO MODE (OFF)
NTSC ON PAL TV (OFF)
NDEO PLUS+ EXTEND (OFF)
COLOUR USER SETTING 1/2

Press button 2 to select the blue USER SETTING 1/2 screen.

7

6

Press T. S to change Press SHIFT to next Press MANU to exit

Press button 3 to select NTSC ON PAL TV ON.

From VTR

Press MENU twice to exit 4

 $^{\circ}$

Playing back a cassette on an NTSC 4.43 compatible TV

The TV will decode the NTSC signal, so the 'NTSC Playback on PAL TV' option available from the VTR must be set to OFF.

Press the MENU button to display the green MAIN MENU.

Note: The playback quality of NTSC tapes is not as good as PAL tapes and the picture and sound quality may be

Press button 2 to select the blue USER SETTING 1/2 screen.

2

Variable Speed Playback may not function correctly (i.e. Picture Still, Search, Slow Playback etc). Digital Auto poor. The picture may shrink vertically, black bars may appear at both the top and bottom of the screen and

Tracking may not work correctly. to the limitations of conversion.

Press button 3 to select NTSC ON PAL TV 0FF.

 \sim

Playback of recordings made in LP mode may be poor due

Press MENU twice to exit

4

■ TAPE SELECT (€180)
■ ECO MODE (OFF)
■ VISC ON PAL TV (ON)
■ VISC ON PAL TV (ON)
■ VISC ON PAL TV (ON)
■ COLOUR Press II - IS to change Press SHIFT to next

Positioning the Satellite receiver:

"RC10" which is printed on the handset.

Some Pace and Nokia Satellite receivers are not compatible with this VTR, for instance Pace have recently changed the IR control codes of the MSS100.

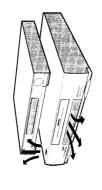
In order for these functions to work you must have a compatible Satellite receiver.

Satellite Compatibility:

Connections

SATELLITE CONTROL

therefore some machines will be compatible while others are not. Incompatible MISS100 receivers can be identified by the Remote Control part number



The VTR will control or 'talk' to the Satellite receiver via infra-red signals which are sent out from the VTR's display window and top-mounted sensor.

It is essential that you correctly position the VTR and Satellite receiver.

Aerial Cable

ideally, you should position the Satellite receiver above the VTR.

- Do not block the VTR's sensors.
- The infra-red signals come out of the sensor windows, bounce off walls and objects in the room and are picked up by the Satellite receiver.

Note: When using a SCART Lead between the Satellite receiver and the VFR always, ensure that you connect the SCART Lead to the SCART input socket marked SATELLITE IN on the VTR.

Aerial Cable

Satellite SCART

From Satellite receiver to

USER SETTING 1/2

SCART IN/OUT

Aerial Cable

SATELLITE CONTROI

Control of Satellite Channels via Satellite

Control of Satellite Channels via Satellite

Control

SATELLITE CONTROL

Having connected your Satellite receiver and positioned it correctly, you now need to tell the VTR how it is connected, what Brand of Satellite receiver you have and what order of Satellite channels have been set.

Press the MENU button on the Remote Control to display the green MAIN MENU.

10 TIMER PROGRAMMING
20 USER SETTING
50 INSTALLATION
50 CLOCK SET
50 nextviewLink Settling Press L.E to select Press MANU to exit MAIN MENU

EL AUTO SET UP
EL MANUAL SET UP
EL SATELLITE SETTING
SAT CONNECTION(LINE)
SAT BRAND NO. (17)
EL VIDEO PLUS+ GUIDE CH INSTALLATION MENU Press 13 . 13 to select Press Menu to exit Press button number 3 to select the blue INSTALLATION MENU and 3 again to select the blue SATELLITE SETTING

2

*SHIFT VO

 Θ

B SATELLITE SCART (SAT)
R RF AERIAL (CH.P.)
AV SCART (LINE1)
FRONT AV (LINE2) SATELLITE CONNECTION
How is your satellite
connected? Select 1 – 4 depending on how you have connected the Satellite receiver.

 $^{\circ}$

Press I - I to select Press MENU to exit

RF AERIAL (Option 2 from the SATELLITE CONNECTION) the VTR needs to be told towhich channel you have tuned your if you have connected the Satellite receiver using

Satellite. The screen will prompt you. Use the number buttons on the Remote Control, e.g. 06 for channel 6.

If the Satellite receiver has been connected – turned on and set to Sky News – prior to running AUTO SET UP then the Satellite receiver should be stored in position 6.

Once this number has been entered, press the MENU button on the Remote 4

buttons on the Remote Control, even if the Enter the Satellite Brand Code from the table on page 29 using the numbered

The VTR will send a test signal to the Satellite receiver.

Continued overleaf.

correct code is shown.

SAT. BRAND NO. (017)
Refer to owners membel for 3 digit beard No.
ENTER SAT. BRAND NO. over if it is correct.
Press. MANU to exit SATELLITE BRAND NO.
What is brand
of your sateflite?

SAT, BRAND NO. Press MENU to continue switches to channel 12 if the Satellite receiver it is working correctly. and go to instruction below. വ

(017)

sending a test signal of CH 12 to your satellite

If it does not switch to channel 12 continue trying the list of Brand Codes until the VTR controls the Satellite.

9

a

Did SAT. CH change to 12
YES: Press MENU
NO: Try another No. SAT. BRAND NO. (017)

Note: If no Codes work, press the MENU button on the Remote Control and select

Press menu · next screen

If all numbers tried select NO SAT CONTROL on next screen.

NO SAT CONTROL on the next screen and see step 9 below.

on your Satellite receiver You now need to tell the VTR the Channel order

E SKY ORDER
S ASTRA ORDER
E PERSONAL PREFERENCE
NO SATELLITE CONTROL

Press NEXU to exit

SATELLITE CH ORDER How is your savelfile receiver tuned?

Most Satellite receivers are preset to either SKY or ASTRA order. If,

however, you have changed the order then you will need to select 3 $\,$ PERSONAL PREFERENCE on the SATELLITE CH ORDER screen and change the VIDEO Plus+ GUIDE numbers accordingly.

Select 1~4 and this will customise your VTR to your Satellite receiver

If you selected 3 PERSONAL, PREFERENCE you will need to enter the channel order of the Satellite receiver (see the example right). Use the table on page 29 to help.

 ∞

Example only

GUIDE CH P.
101 SAT 102 SAT 103 SAT 104 SAT 104 SAT 105 CEAT 105 C

δ

If you selected 4 NO SATELLITE CONTROL you will need to manually select the correct Satellite channel on the receiver when you want to record a Satellite programme. 23

The set-up is now complete.

Control of Satellite Channels continued

SATELLITE CONTROL

SATELLITE CONTROL

Control of Satellite Channels via Satellite Control

From the tables below look up the make of the Satellite Receiver and note the Brand Code. The Channel order may change from time to time – contact your Satellite provider for the latest details.

Note: Some Satellite receivers may not respond to all the operations described, or may not be operated with this Remote Control. In these cases, operate the Satellite receiver using its own remote control.

Satellite Control function

Brand Code

Brand Name

| | (|) | | 9 |) | | | 200 | | | | | | | • | | | △ | | | | 9 | You | | | | | | | A. Control of the con | | | | | |
|-------------------|------------------------|---------|---------|----------|---------------|--------------|--------------------|------------------|--------------|-------------|----------------------|-----|---------|-------|--------------------------|-----------|---------|----------|--------|---------------------|-----|-----|--------------|--------------|-----------------|---------|----------|---------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|------------------|------------------|---------------|
| - | Personal Subjection | Lion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ASTRA | Ouge | 8 | 12 | 91 | 82 | 97 | 97 | 20 | 46 | 46 | 42 | 42 | 42 | 4 | 41 | 23 | æ | 34 | 34 | 12 | 12 | 47 | 31 | 31 | 31 | 7 | 7 | 3 | 3 | 09 | 09 | 99 | 95 | 0 |
| - | X. | Order | | 2 | 3 | 7 | 2 | 2 | 9 | 7 | 7 | œ | ω | 8 | 6 | 6 | = | 12 | 13 | 13 | 14 | 15 | 91 | 17 | 11 | 11 | 18 | <u>@</u> | 19 | 19 | 20 | 20 | 20 | 12 | 5 |
| Name of the least | Sie | Channel | 101 | 102 | 103 | 101 | III | 111 | 105 | 901 | 901 | 125 | 125 | 125 | 124 | 124 | 123 | 136 | 130 | 130 | 109 | 145 | 140 | 148 | 148 | 148 | 119 | 119 | 131 | 131 | 121 | 127 | 121 | 132 | Ş |
| | Station Name | | SKY ONE | SKY NEWS | SKY MOVIE MAX | SKY PREMIERE | THE DISNEY CHANNEL | SKY BOX OFFICE 1 | SKY SPORTS 1 | NICKELODEON | PARAMOUNT COMEDY CH. | EBN | TROUBLE | BRAVO | DISCOVERY HOME & LEISURE | DISCOVERY | UK 60LD | OVC | LIVING | THE FANTASY CHANNEL | MIV | VH1 | SKY SPORTS 2 | SKY SPORTS 3 | PLAYBOY CHANNEL | TV SHOP | FOX KIDS | NATIONAL GEOGRAPHIC | GRANADA PLUS | MEN & MOTORS | WEATHER | RACING | SKY BOX OFFICE 2 | SKY BOX OFFICE 3 | DIVI CONTTROL |

0.1,003
00.100,008
00.000,008
00.000,008
00.000,008
00.000
00.000
00.000
00.000
00.000
00.000
00.000
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00.000
00.000

017,045 1017,046 103,044 (077,042 (83,194 103,044 (077,042 (83,194 103,043 (077,043 (83,194 107,043 (83,194 107,044 (86) 107,044 (86) 107,044 (86) 107,044 (86) 107,044 (86) 107,044 (86) 107,044 (86) 107,044 (86) 107,044 (86) 107,044 (86) 107,044 (86) 107,044 (86) 107,044 (86) 107,044 (86)

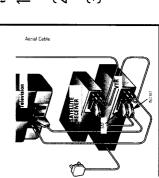
017, 061 016, 017, 024, 046, 073 017, 025 009, 016, 017, 023, 038

Press the VTR button to ensure you are in VTR mode. Press the SAT COM I (Settlifte Control button to swutch Satellite control ON TABLE CONTROL mode and the VTR will automatically select the Satellite find on the VTR that you have previously set. Satellite Control enables you to change channels on the Satellite using the VTR Remote Control. 2 \mathcal{C} 4

3:83:22, 'SAT' will appear in the VTR display panel, to switch it off, press the SAT.CONT. button again. Select a Satellite channel using the numbered buttons on the flemore Control. Depending on the Satellite receiver, the ways of use may differ. For example: to select SKY MOVIES (on channel 3) either press 0 then 3, or 0 then 3 then the ENTER button, or 0 then 3 then the ENTER button twice.

When you have finished press the SAT.COMT button to switch the Satellife Control OFF. To reset the VTR to record from BBC 1, ITV etc., press the INPUT SELECT button repeatedly until a programme position number is displayed.

Some functions of the Remote Control will not work whilst in this made. To exit this mode, press the SAT CONT, button on the Remote Control. 'SAT will disappear from the VTR display panel.



If the Satellite receiver has two SCART outputs, one to the VTR and another to the TV, you do not need to use this function. To view Satellite you must select the SCART socket on the television (refer to the TV Owner's Manual). Press the SAT.MONI (SATELLITE MONITOR) button on the VTR Remote

Control; this will loop the Satellite signal through the VTR up to the

If it has not been automatically selected, select the SCART socket on the television (refer to TV 0wner's Manual). 2

To cancel press the SAT.MON! button again. က Note: if you press the WENU button on the Remote Control to display the green MAIN MENU on the TV screen the Satellite Monitor Function will cancel.

3

"It is important that you check that your Guide Channel order strend on the VTR's the same order as your Setablite frequency otherwise.

OMI COMISTAN CHANNEL SOAP HISTORY SCI-R FRAVEL SYS SINEMA CARTOON NETWORK TINT CHOOSPORT

077, 073, 059 077, 051 077, 057, 061 077, 108, 109, 110, 121 077, 055, 057, 044, 059

GRANADA GOOD LIFE COMPUTER CHANNEL SKY BOX OFFICE 4

8

2-14

Toshiba

83

SATELLITE CONTROL

Recording and Timer Recording from Satellite VIDEO PROST

If you have not followed the Satellite installation instructions as described in these Satellite Control pages you will NOT be able to use

This gives the simplicity of **VEDSO/ALF** but also allows the recording of Satellite programmes. If Satellite Control works.

VEDSO/ALF will operate in the same way, see page 18

Recording can be used in the same way as described on page 19.

4

All you need to do is press the INPUT SELECT button on the Remote Control to select the appropriate connection.

SA for SATELLITE SCART 06 for RF channel number 6, etc. e.g.

You must ensure that the Satellite receiver is set to the required channel manually.

Timer recordings from Satellite channels can be made in the same way as described on page 20.

TOTAL SECTION ASSESSMENT

All you need to do is use the INPUT SELECT button on the Remote Control to select the

14:39 5.11. '00 SU CH DATE ON OFF ■ SA ONCE 316:45 -17:45 SP

appropriate connection: e.g.

SA for SATELLITE SCART 06 for RF channel number 6, etc.

If you have set up the Satellite Control function as described on page 28, you can press SAT.CONT. instead of the INPUT SELECT button. SAT.CONT. SELECT, you must ensure that the Satellite receiver is set to the required

automatically selects the required Satellite channel. If you use INPUT

Press the SAT.CONT. button to display SA and enter the appropriate Channel number for the Satellite programme the number buttons on the you wish to record using channel manually.

 \sim

If you have connected the VTR to a Cable system, please refer to the Cable prowder for full details on how to set up using ${\bf VEDEQ}^{\rm Me}_{E_{-}}$.

Remote Control.



Hi-Fi Stereo Sound system

Selecting different audio tracks when viewing a Hi-Fi stereo recorded tape.

The VTR is capable of recording and playing sound in a number of ways. As you select the different options the display on the front of the VTR will change

This is factory set to L + R and in most instances there will be little need to alter any of these settings

2

Repeatedly press the A.SELECT (audio select) button on the

Œ The output indicator on the front of the VTR will show the changes. From . L and R, L, R, blank, MIX L and R, and back to L and R.

When the display shows both L and R: Audio is played from both the Left and Right Hi-Fi tracks, giving a true stereo sound.

က

When the display shows L:
Audio from the left soundtrack on the tape is
output from the VTR.

4

2

When the display shows R: Audio sound from the right soundtrack on the tape is output from the VTR.

Œ

9

When the display is blank:
Audio taken from the mono soundtrack is
output from the VTR.

When the display shows MIX L and R: Stereo sound taken from the Hi-Fi track PLUS the MONO normal audio track is output from



Editing a Video Tape

Audio Dubbing

For adding soundtracks such as narration or music to previously - recorded video tapes.

In addition to the left and right Hi-Fi audio tracks there is another soundtrack called the 'normal audio track' 05

Ex. Player

Insert the tape to be OVER-DUBBED

2

Connect suitable equipment e.g. cassette recorder to the IN/OUT (SCART) on the rear of the VTR.

(the tape with the new audio track

to be recorded onto).

Find the scene that you want to over-dub and press PAUSE/STILL

 \Im

on the Remote Control.

and right Hi-Fi tracks for the normal stereo sound, but it also records a mono version of the soundtrack on the normal audio track. This 'normal audio track' is mono track, recorded by all VTR recorders. When you record, the VTR uses the left

If you wish, you can record your own soundtrack onto this, the 'normal audio track' without affecting the soundtrack on the Hi-Fi.

This is ideal for putting a 'voice over onto a home

movie recorded on a camcorder

Press the A.DUB (audio dub) button on the Remote Control. (The screen may flicker, this is normal.)

4

In this way, you can keep the original soundtrack, but it means you can also add your own commentary.

Press the PAUSE/STILL button again to start both the playback and the Audio വ 9 /

Play the sound from the external equipment A.SELECT button to select the required When listening to the tape, use the

See page 32 for the selection

6

Important 2 $^{\circ}$ 4 Æ¥

Nate: The picture quality of the copied tape is slightly less than the original picture quality.

It is permissible to record television programmes only in the event that third party Play the tape on the playback VTR and pess the REC buttons to start recording on this VTR. Press the STOP button on each VTR when copying is finished. Press the SP/LP button to select the recording tape speed. Using another VTR or external equipment, you can copy a tape. Press the I.SELECT button so that display shows "L1". copyrights and other rights are not viollated. Playing VTR (Another VTR) Recording VTR (your VTR) UDIOWIDED (SCART)

When using the IN/0UT

(SCART) socket

g

the VTR

IN/OUT (SCART 1) AUDIO/VIDEO L1 (line1) SCART connection through

SCART Connection through

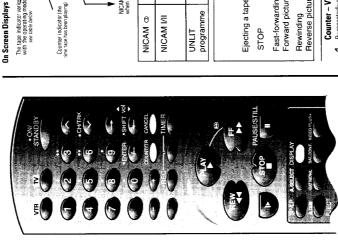
12 (line2) RCA cable connection through LINE IN 2 (AUDIO/VIDEO)

SATELLITE (SCART 2) INPUT SA

ADDITIONAL FUNCTIONS

On-screen and VTR front panel displays

Pressing the DISPLAY button on the Remate Control when a tape is in PLAY will display the tape indicator on the TV screen. When you insert a tape, the counter will change from the current time to DHODMOOS. Pressing the COUNT/TR button will give you information on the VTR display.



NICAM indicator - the VTR is capable of receiving and decoding NICAM signals when they are broadcast. NICAM Q T CHOTT Screen Counter indicator (the me tace has been playing) NICAM 9

| NICAM I/II BI | | |
|-------------------------------------------|--------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| | BILINGUAL TV program transmitted in another la (not available in the UK) | BILINGUAL TV programme transmitted in another language (not available in the UK) |
| UNLIT No programme (N | NO NICAM progre (Monaural sound) | NO NICAM programme or Normal TV (Monaural sound) |
| ارم. درس | Tape indicator on screen symbol | Tape indicator on screen symbol |
| Ejecting a tape | 41 | Recording |
| STOP | | Recording Pause |
| Fast-forwarding Forward picture search | search | Playback Pause/still picture Frame advance |
| Rewinding Reverse picture search | ★ | Slow Playback |

Counter - VTR Display
By repeatedly pressing the COUNT/TR button on the Remote Control, you will

0:02:13

The time the tape has been playing.

TR2:3"

TR* - the amount of tape Remaining (approx).

iii Programme position number

The current time

Note: The counter is automatically reset to "CHQDNODS" when a tape is ejected. To reset the counter at another point, such as at the beginning of a new recording, simply press the COUNT/TR and CANCEL button

simultaneuoslyon the Remote Control.

1 86

* Before the tape remaining function can work you must identity the length of tape in play - see page 21

Whenever a recording starts, the VTR puts an electronic Index mark on the tape.

Index marks and Index searches

ADDITIONAL FUNCTIONS

To register an Index mark during recording, simply press the INDEX -button on the Remote Control. Making and finding Index marks:

An Index search enables you to find the beginning of

programmes easily and quickly.

Tape speed (SP/LP/SLP) Programme position number

The tape indicator varies with the operating mode see table below

S.

To find the Index marks when a tape is in playback, press the INDEX+ button to search forwards or the INDEX -- button to search backwards.

2

You cannot put in Index marks during playback of a

You can put additional Index marks on a tape wherever you like, but only during a recording.

When registering Index marks, always leave at least a 1 minute gap when recording in SP and a 2 minute

INDEX SEARCH --

When an Index mark is found the VTR will which it will continue searching for the playback the tape for 5 seconds, after next Index mark.

 \mathfrak{C}

Index marks are not registered when the VTR is in

gap when recording in LP.

pause mode during a recording.

If you want to watch the tape from a particular Index, simply press PLAY.

4

⊢ INDEX SEARCH 00

Index Skip Search:

This feature will enable you to fast forward/rewind to a specific point on a tape:

Eg if you have recorded 3 different programmes on a tage and you have rewound the tage to the beginning, by using this feature you can go directly to the start of programme 2 simply by pressing the INDEX button.

Press the INDEX + to start the Index

Press the INDEX + button twice more. This recording/index mark 2. The VTR counter will take you directly to the start of the will show the progress of the search.

These Index searches can be made forwards: {press INDEX +} or backwards: (press INDEX --).

SKIP SEARCH ,1 +02

7 \mathcal{C} 4

900 You can skip forward or backward a maximum of 20 Index marks. To cancel an Index search simply press the PLAY or STOP button.

37

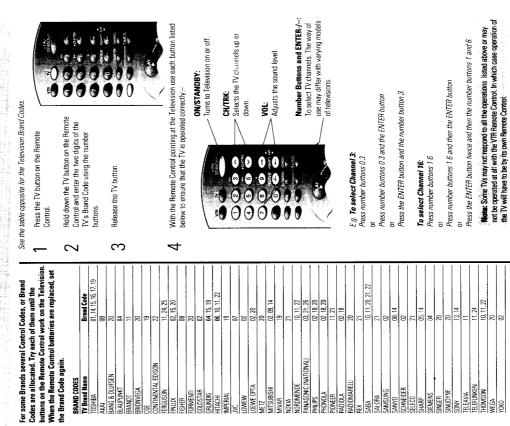
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ADDITIONAL FUNCTIONS

Multi-Brand Remote Control

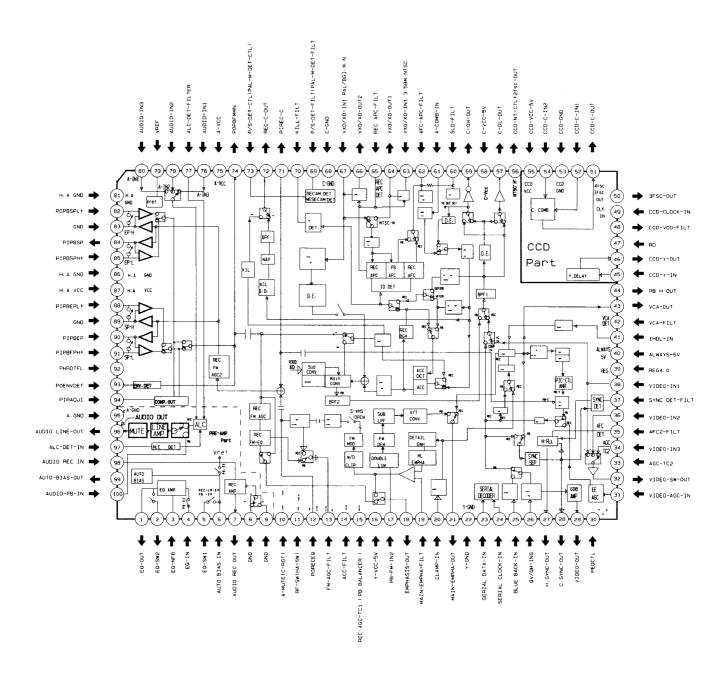
The Pernore Control of the VTR can be compatible with various brands of Television by setting the control codes. The TOSHIBA code has initially been set to control TOSHIBA Televisions.



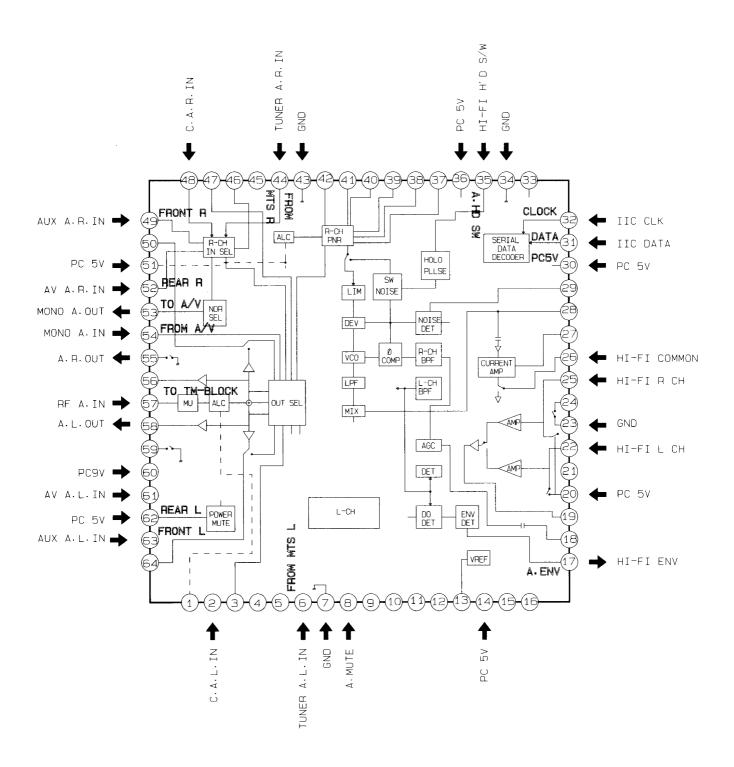
89

2-18 Toshiba

2-2-1 IC301 (LA71598M)

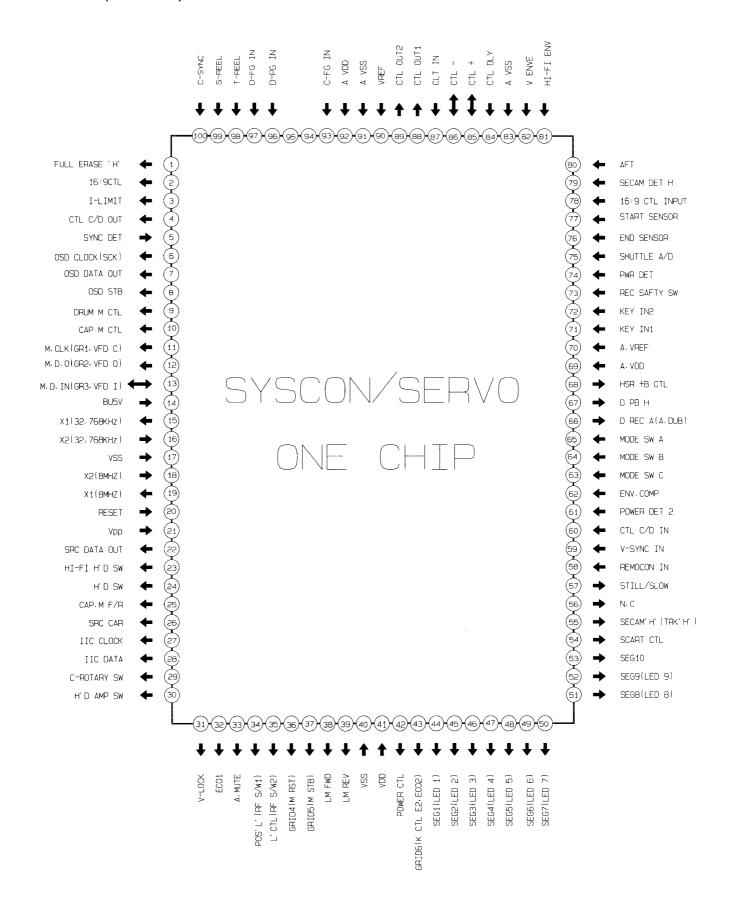


2-2-2 IC501 (LA72634AM)



2-20 Toshiba

2-2-3 IC601 (uPD784927)



3. Product Specifications

Specifications and features are subject to change without notice.

| OPERATION | DESCRIPTION | | | | | | | | | |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|
| Power supply | 230V/240V ("UK" Models), 230V ("EF/EG/W" Models) AC, 50Hz | | | | | | | | | |
| Power consumption | 18 Watts (Hi-Fi Models), 16 Watts (Non Hi-Fi Models), 5W (normal standby), 3W (ECO Mode standby) | | | | | | | | | |
| External dimensions | 360 (W) x 94 (H) x 298 (D) mm | | | | | | | | | |
| Mass | 3.3 kg approx. | | | | | | | | | |
| Receiing channels | UK: VHF A-J (IRE), UHF 21-69, CATV X, Y, Z S1-41 EG: VHF E2-12 R2-12 A-H, UHF 21-69, CATV X, Y, Z S1-41 EF: VHF E2-12 F1-6 FB-FC, UHF E21-69, CATV X, Y, Z B-Q S1-41 70-92 W: VHF E2-12 R2-12 A-H, UHF 21-69, CATV X, Y, Z S1-41 | | | | | | | | | |
| Format | VHS standard | | | | | | | | | |
| Video signal system | CCIR 625 lines, 50 fields, PAL colour signal, 525 lines NTSC colour (PB only) | | | | | | | | | |
| Recording system/Playback system | UK : PAL SP, LP VHS format EG/W : PAL/MESECAM SP, LP VHS format EF : PAL/MESECAM/SECAM SP, LP VHS format PAL/MESECAM/SECAM SP VHS format (V-230F/V-229F) | | | | | | | | | |
| NTSC playback | NTSC SP/SLP tape playback : NT4.43/NT PB ON PAL TV (V-230F/V-229F is SP only) | | | | | | | | | |
| Fast forward/Rewind time | Within approx. 150s (When E-180 video cassette is used) | | | | | | | | | |
| Aerial input/output | 75 ohm coaxial | | | | | | | | | |
| Video input/output | AUDIO/VIDEO SCART socket, 1.0Vp-p, 75ohm | | | | | | | | | |
| Audio input | AUDIO/VIDEO SCART socket, 308mV(rms), more than 1.0Kohm | | | | | | | | | |
| Audio output | AUDIO/VIDEO SCART socket, 308mV(rms), less than 1.0Kohm | | | | | | | | | |
| Audio frequency range | 20Hz - 20KHz (Hi-Fi model only) | | | | | | | | | |
| Operating conditions | Temperature : +5°C - +40°C Humidity : less than 80% RH | | | | | | | | | |

Toshiba 3-1

4. Disassembly and Reassembly

4-1 Cabinet Assembly

4-1-1 Cabinet Top Removal

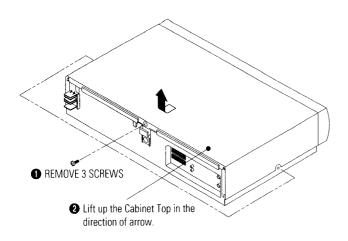


Fig. 4-1 Cabinet Top Removal

4-1-2 Bottom Cover Removal

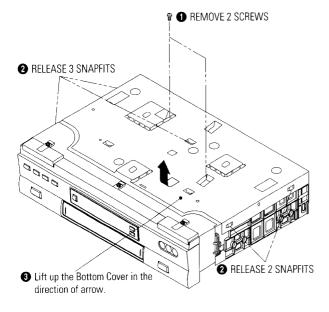
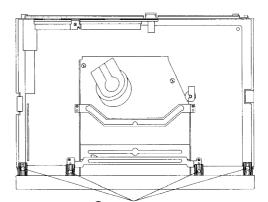


Fig. 4-2 Bottom Cover Removal

4-1-3 Ass'y Front Panel Removal



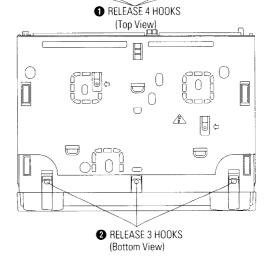


Fig. 4-3 Ass'y Front Panel Removal

4-1-4 Jack PCB Removal

Disconnect the CN701 from the Main PCB and then lift the Jack PCB up.

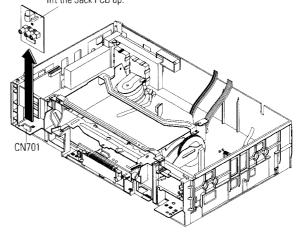


Fig. 4-4 Jack PCB Removal

Toshiba

4-1-5 Chassis Removal

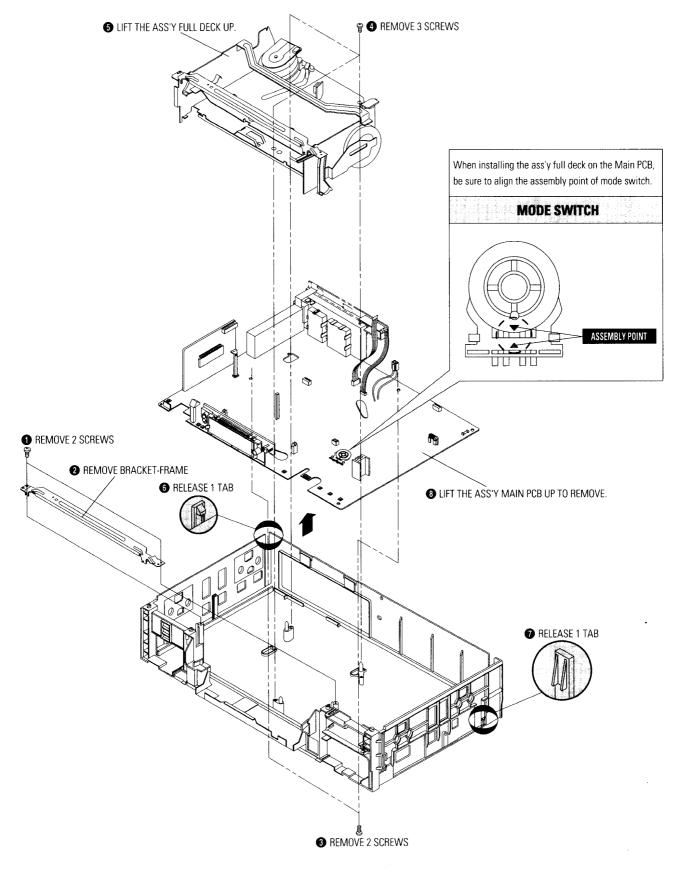


Fig. 4-5 Chassis Removal

4-2 Toshiba

4-2-1 Top View

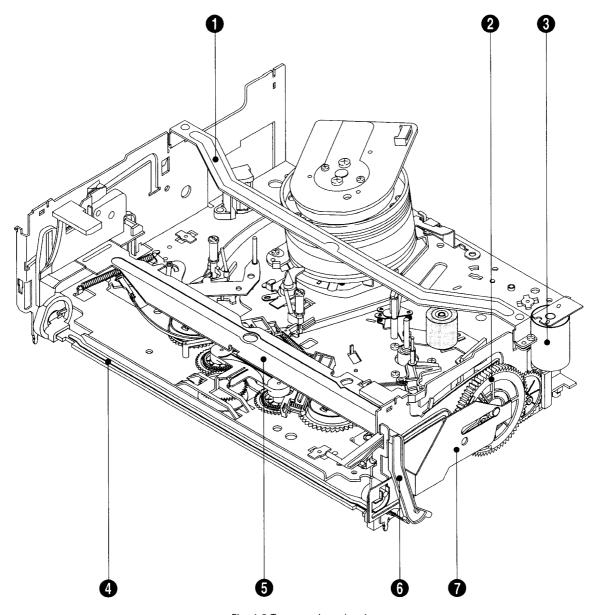


Fig. 4-6 Top parts Location-1

- BRACKET FL TOP (Optional)
- 2 GEAR FL CAM
- **3** MOTOR LOADING ASS'Y
- 4 LEVER FL ARM ASS'Y
- **5** HOLDER FL CASSETTE ASS'Y
- **6** LEVER FL DOOR
- **7** SLIDER FL DRIVE

Toshiba

4-3

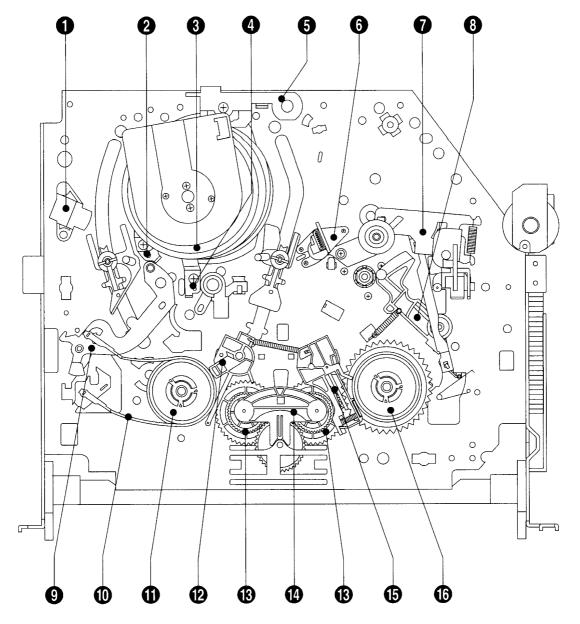


Fig. 4-7 Top Parts Location-2

- **1** FE HEAD
- 2 PLATE CYLINDER C
- **3** CYLINDER ASS'Y
- 4 PLATE CYLINDER B
- **5** PLATE CYLINDER A
- 6 ACE HEAD ASS'Y
- **7** UNIT PINCH ASS'Y
- 8 LEVER #9 GUIDE ASS'Y
- **9** LEVER TENSION ASS'Y

- **10** BAND BRAKE ASS'Y
- 1 DISK S REEL
- 12 LEVER S BRAKE ASS'Y
- GEAR IDLE
- LEVER IDLE
- 15 LEVER T BRAKE ASS'Y
- 16 DISK T REEL

4-2-2 Bottom View

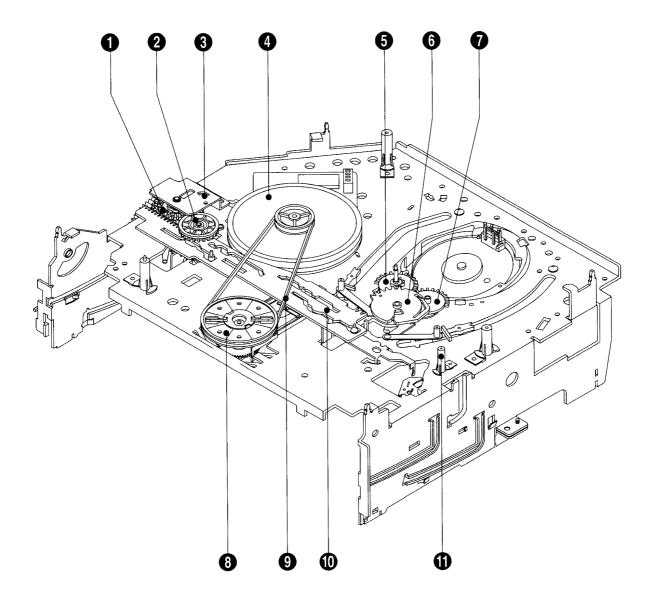


Fig. 4-8 Bottom Parts Location

- **1** GEAR JOINT 1
- **2** GEAR JOINT 2
- **3** BRAKET GEAR
- **4** MOTOR CAPSTAN ASS'Y
- **5** LEVER T LOAD ASS'Y
- **6** GEAR LOADING DRIVE
- T LEVER S LOAD ASS'Y
- **8** HOLDER CLUTCH ASS'Y
- BELT PULLEY
- **10** SLIDER CAM
- SLEEVE TENSION

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4-3 Main Deck

4-3-1 Bracket FL Top Removal (Optional)

- 1) Remove 2 screws **1**.
- 2) Remove the Bracket FL Top 2.

Note: Take care not to change assembly direction.

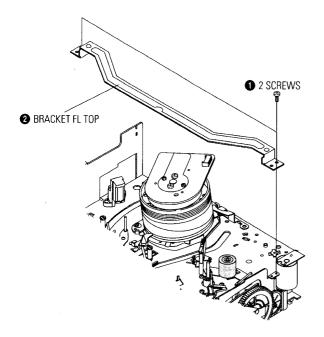


Fig. 4-9 Bracket FL Top Removal

4-3-2 Lever FL Door Removal

- 1) Rotate the Lever FL Door **1** in the direction of arrow "A".
- 2) Release the Hook **2**, remove the Lever FL Door **1** in the direction of arrow "B".

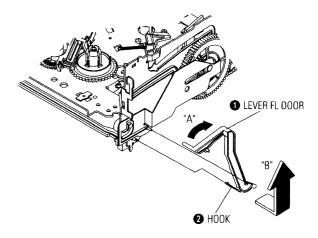


Fig. 4-10 Lever FL Door Removal

4-6 Toshiba

4-3-3 Holder FL Cassette Ass'y Removal

- 1) Remove the Lever FL Door. (Refer to Fig. 4-10)
- 2) Pull the Holder FL Cassette Ass'y **1** to the eject position.
- 3) Pull the Holder FL Cassette Ass'y ① as grasping the Holder FL Cassette Ass'y ① and Lever FL Cassette-R ② in the same time to release hooking from Main Base until the Boss [A], [B] of Holder FL Cassette Ass'y ① is taken out from the Rail [C], [D].
- 4) Lift the Holder FL Cassette Ass'y ① in the direction of arrow "B" in this time, you have to grasp the Lever FL Cassette-R ② continuously until the Holder FL Cassette Ass'y ① is taken out completely.

Note: Be sure to insert Lever FL Cassette-R ② in the direction of "A" to prevent separation and breakage of the Lever FL Cassette-R ② at disassembling and reassembling.

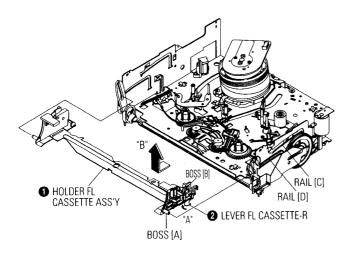


Fig. 4-11 Holder FL Cassette Ass'y Removal

4-3-4 Lever FL Arm Ass'y Removal

- 1) Remove the Lever FL Door. (Refer to Fig. 4-10)
- 2) Remove the Holder FL Cassette Ass'y. (Refer to Fig. 4-11)
- 3) Release the Hook **1** in the direction of arrow "A", pull out the Lever FL Arm Ass'y **4** from the Boss of Main Base.
- 4) Remove the Lever FL Arm Ass'y **4** in the direction of arrow "B".

Assembly: When reinstalling, be sure to reassemble Lever FL Arm Ass'y **4** after you insert the Boss **2** in Groove [A] of Slider FL Drive **3**.

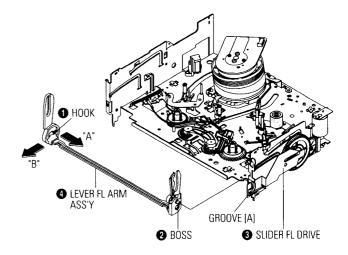


Fig. 4-12 Lever FL Arm Ass'y Removal

4-8

4-3-5 Slider FL Drive Removal

- 1) Pull the Slider FL Drive 1 to the front direction.
- 2) Remove the Slider FL Drive 1 in the direction of arrow. (Refer to Fig. 4-13)

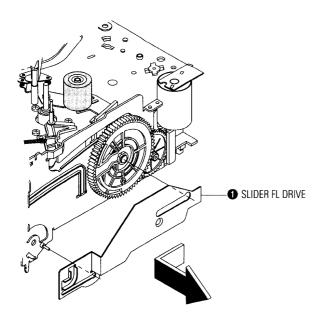


Fig. 4-13 Slider FL Drive Removal

4-3-6 Bracket Gear, Gear FL Cam, Gear Joint 1, 2 Removal

- 1) Remove screw **1**.
- 2) Lift the Bracket Gear 2.
- 3) Remove the Gear FL Cam 3.
- 4) Lift the Gear Joint 2 **4**, Gear Joint 1 **5**.

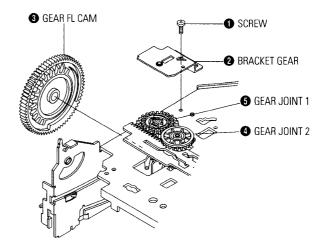
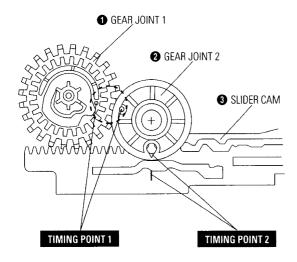


Fig. 4-14 Bracket Gear, Gear FL Cam, Gear Joint 1, 2 Removal

4-3-7 Assembly of Gear FL Cam, Gear Joint 1, 2

- 1) Be sure to align dot mark of Gear Joint 1 ① with dot mark of Gear Joint 2 ② as shown Fig. 4-15 (Refer to Timing Point 1), confirm the Timing Point 2 of the Gear Joint 2 ② and Slider Cam ③.
- 2) Align the Gear FL Cam 4 with the Gear Worm Wheel Post as shown detail drawing. (Refer to Timing Point 3)



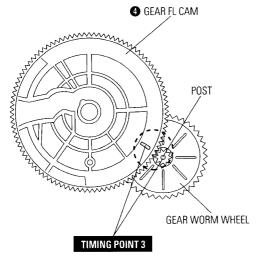


Fig. 4-15 Assembly of Gear FL Cam, Gear Joint 1, 2

4-3-8 Holder Worm, Gear Worm, Gear Worm Wheel Removal

- 1) Release the Hook [A] in the direction of arrow and, remove the Holder Worm **1**.
- 2) Remove the Gear Worm 2.
- 3) Remove the Gear Worm Wheel **3**. (After removing the Gear FL Cam as shown Fig. 4-14)

Note: Secure the Hook [A] after installing the Holder Worm **1**.

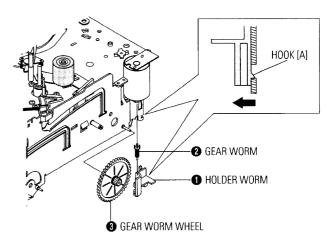


Fig. 4-16 Holder Worm, Gear Worm, Gear Worm Wheel Removal

4-3-9 Motor Loading Ass'y Removal

- 1) Remove the screw **①**.
- 2) Remove the Motor Loading Ass'y 2.

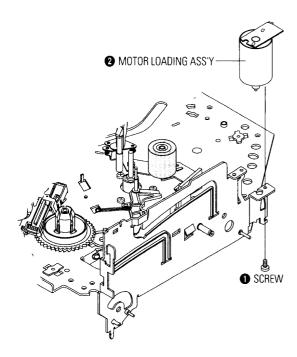


Fig. 4-17 Motor Loading Ass'y Removal

4-3-10 Gear Loading Drive, Slider Cam, Lever T, S Load Ass'y Removal

- 1) Remove the Belt Pulley. (Refer to Fig. 4-34)
- 2) Remove the Gear Loading Drive **1** after releasing Hook [A] in the direction arrow as shown in detail drawing.
- 3) Remove the Slider Cam 2.
- 4) Remove the Lever T, S Load Ass'y **3**, **4**.

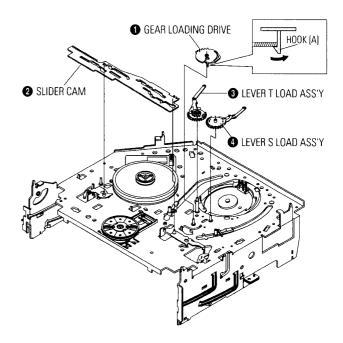


Fig. 4-18 Gear Loading Drive, Slider Cam, Lever T, S Load Ass'y Removal

4-10 Toshiba

4-3-11 Assembly of Gear Loading Drive, Slider Cam, Lever T, S Load Ass'y

- 1) When reinstalling, be sure to align dot of Lever T Load Ass'y ① with dot of Lever S Load Ass'y ② as shown in drawing. (Refer to Timing Point 1)
- 2) Insert the Pin A, B, C, D into the Slider Cam 3 hole.
- 3) Be sure to align dot of Lever T Load Ass'y and dot of Gear Loading Drive 4. (Refer to Timing Point 2)
- 4) Align dot of Gear Loading Drive with mark of Slider Cam as shown in drawing. (Refer to Timing Point 3)

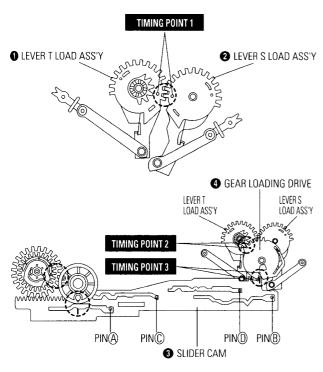


Fig. 4-19 Assembly of Gear Loading Drive, Slider Cam, Lever T, S Load Ass'y

4-3-12 Lever Tension Ass'y, Band Brake Ass'y, Sleeve Tension Removal

- 1) Remove the Spring Tension **1**.
- 2) In bottom side of Deck, remove the Sleeve Tension2 after rotating it right or left as lifting locking edge of Sleeve Tension.
- 3) Remove the side "a" of the Band Brake Ass'y 4 in the direction of arrow "A" from the Lever Tension Ass'y 3.
- 4) Remove the side "b" of the Band Brake Ass'y 4 in the direction of arrow "B" from the Main Base.

Note:

- 1) When replacing the Lever Tension Ass'y, be sure to apply oil in the Sleeve Tension.
- 2) Take care not to touch stain on the felt side, and not to be folded and broken Band Brake Ass'y.

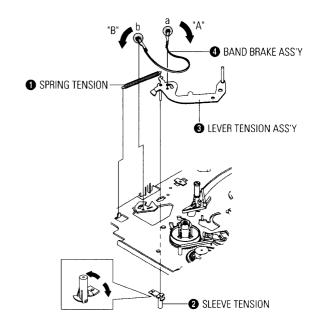


Fig. 4-20 Lever Tension Ass'y, Band Brake Ass'y, Sleeve Tension Removal

4-3-13 Lever S, T Brake Ass'y Removal

- 1) Release the Hook [A] and the Hook [B], [C] in the direction of arrow as shown in Fig. 4-21.
- 2) Lift the Lever S, T Brake Ass'y **1**, **2** with Spring Brake **3**.

Assembly:

- 1) Assembly the Lever S Brake Ass'y **1** on the Main Base
- 2) Assembly the Lever T Brake Ass'y ② with Spring Brake ③.

Note: Take extreme care not to be folded and transformed spring Brake at removing or reinstalling.

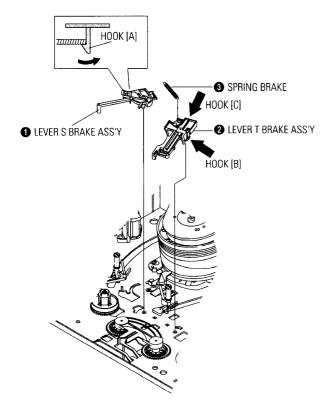


Fig. 4-21 Lever S, T Brake Ass'y Removal

4-3-14 Lever Idle Ass'y Removal

- 1) Push the Lever Idle **1** in the direction of arrow "A", "B".
- 2) Lift the Lever Idle **1**.

Assembly:

- 1) Apply oil in two Bosses of Lever Idle 1.
- 2) Assemble the Gear Idle ② with the Lever Idle ①.

Note: When replacing the Gear Idle **②**, be sure to add oil in the boss of Lever Idle **①**.

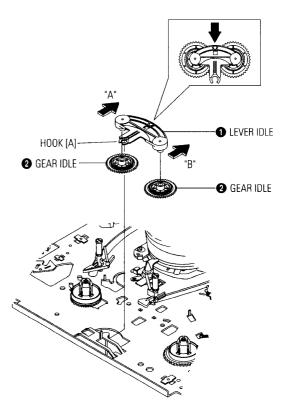


Fig. 4-22 Lever Idle Ass'y Removal

4-3-15 Disk S, T Reel Removal

1) Lift the Disk S, T Reel **1**, **2**.

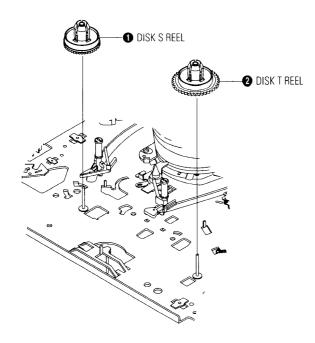


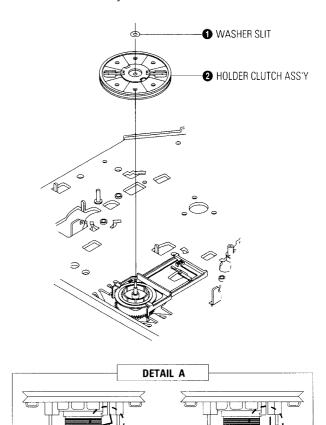
Fig. 4-23 Disk S, T Reel Removal

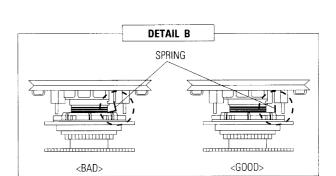
4-3-16 Holder Clutch Ass'y Removal

- 1) Remove the Washer Slit **①**.
- 2) Lift the Holder Clutch Ass'y 2.

Note: When you reinstall Holder Clutch Ass'y **②**.

- 1) Check the condition of spring as shown in detail A.
- 2) Don't push Holder Clutch Ass'y down with excessive force. Just insert Holder Clutch Ass'y into post center with dead force and rotate it smoothly. Be sure to confirm that spring is in the slit of Gear Center Ass'y as shown in detail B.





SPRING

<G00D>

<BAD>

Fig. 4-24 Holder Clutch Ass'y Removal

4-3-17 Lever Up Down Ass'y, Gear Center Ass'y Removal

- 1) Remove the 2 hooks in the direction of arrow as shown Fig. 4-25 and lift the Lever Up Down Ass'y 1.
- 2) Lift the Gear Center Ass'y **2**.

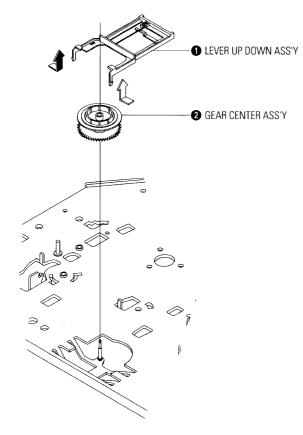


Fig. 4-25 Lever Up Down Ass'y, Gear Center Ass'y Removal

4-3-18 Assembly of Lever Up Down Ass'y, Gear Center Ass'y

- 1) Insert the Lever Up Down Ass'y **1** in the 2 rectangular holes on Main Base.
- 2) Lift the Lever Up Down Ass'y **1** about 35 degree. (Refer to Fig. 4-26)
- 3) Insert Ring **4** of the Gear Center Ass'y **2** in the Guide **5** of the Lever Up Down Ass'y **1**.
- 4) Insert the Gear Center Ass'y **2** in the post **6** on Main Base.
- 5) Push down the Lever Up Down Ass'y **1** for locking of the Hook **7**.

Note:

- 1) Take care not to separate and loose the Spring Up
- 2) When assembling the Gear Center Ass'y, don't push down too much.

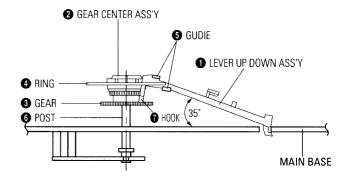


Fig. 4-26 Assembly of Lever Up Down Ass'y, Gear Center Ass'y

4-14 Toshiba

4-3-19 Guide Cassette Door Removal

- 1) Lift the Hook [A].
- 2) Rotate the Guide Cassette Door **1** in the direction of arrow.

Note: After reinstalling the Guide Cassette Door **1** secure the Hook [A].

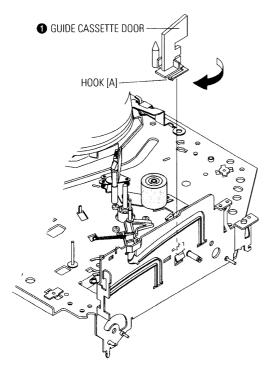


Fig. 4-27 Guide Cassette Door Removal

4-3-20 Unit Pinch Ass'y, Plate Joint, Spring Pinch Drive Removal

- 1) Lift the Unit Pinch Ass'y **①**.
- 2) Remove the Plate Joint **2** from Lever Pinch Drive.
- 3) Remove the Spring Pinch Drive **3**.

Note:

- 1) Take extreme care not to touch the grease on the Roller Pinch.
- 2) When reinstalling, be sure to apply grease on the post pinch roller.

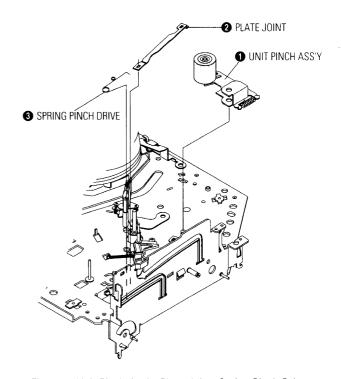


Fig. 4-28 Unit Pinch Ass'y, Plate Joint, Spring Pinch Drive Removal

4-3-21 Lever #9 Guide Ass'y Removal

- 1) Remove the Spring #9 Guide **1**.
- 2) Lift the Lever #9 Guide Ass'y ② in the direction of arrow.

Note:

- 1) Take extreme care not to touch the grease on the tape Guide Post.
- 2) After reinstalling, check the bottom side of the Post #9 Guide to stick to the top side of Main Base.

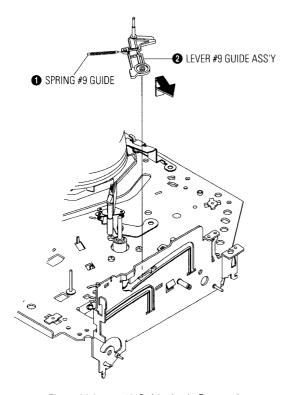


Fig. 4-29 Lever #9 Guide Ass'y Removal

4-3-22 FE Head Removal

- 1) Remove the screw **①**.
- 2) Lift the FE Head 2.

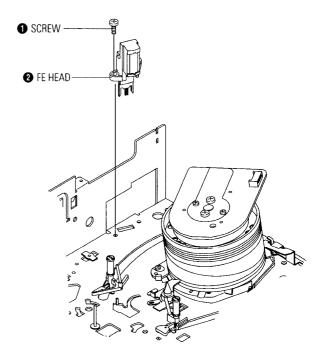


Fig. 4-30 FE Head Removal

4-3-23 ACE Head Removal

- 1) Pull out the FPC from connector of ACE Head Ass'y 2.
- 2) Remove the screw **①**.
- 3) Lift the ACE Head Ass'y 2.

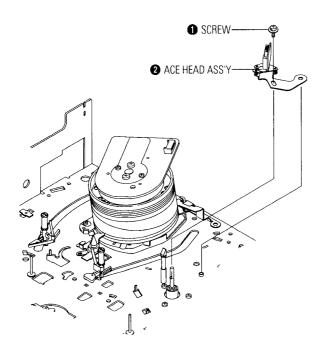


Fig. 4-31 ACE Head Removal

4-3-24 Slider S, T Ass'y Removal

1) Move the Slider S, T Ass'y **①**, **②** to slot, and then lift it to remove. (Refer to arrow)

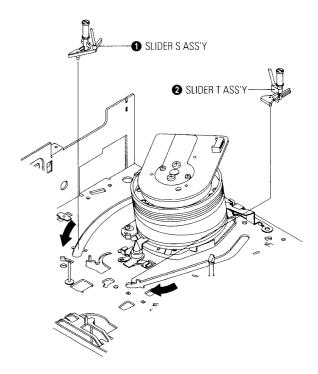


Fig. 4-32 Slider S, T Ass'y Removal

4-3-25 Cylinder Ass'y Removal

- 1) Remove the 3 Screws **1**, **3**, **5**.
- 2) Remove the Plate Cylinder A, B, C ②, ④, ⑥ in the direction of arrow.
- 3) Lift the Cylinder Ass'y **7**.

Note:

- 1) When reinstalling, push the Plate Cylinder A, B 4,6 in the reverse of arrow and then, tighten the 2 Screws 3, 5.
- 2) Take care not to touch the Cylinder Ass'y and the tape guide post at reinstalling Plate Cylinder C 2.
- 3) Take care not to touch the Cylinder Ass'y with screw driver at reinstalling the Plate Cylinder C 2.

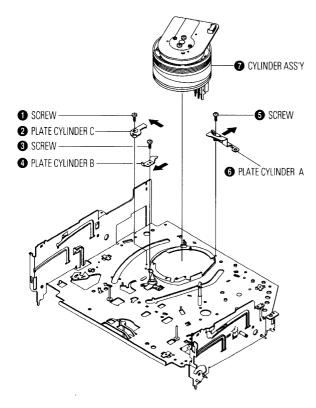


Fig. 4-33 Cylinder Ass'y Removal

4-3-26 Belt Pulley Removal

1) Remove the Belt Pulley 1.

Note: Take extreme care not to touch the grease on Belt Pulley **1** at assembling or reassembling.

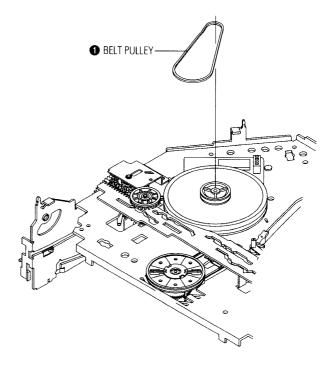


Fig. 4-34 Belt Pulley Removal

4-3-27 Lever Head Cleaner Ass'y Removal

- 1) Release the Hook **1**.
- 2) Lift the Lever Head Cleaner Ass'y 2.

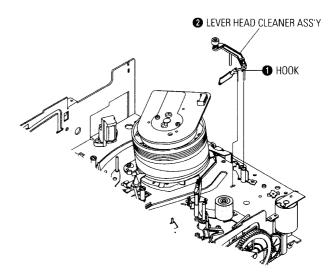


Fig. 4-35 Lever Head Cleaner Ass'y Removal

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4-3-28 Motor Capstan Ass'y Removal

- 1) Remove the 3 Screws **1**.
- 2) Remove the Motor Capstan Ass'y 2.

Assembly:

- 1) Match the 3 holes of Motor Capstan Ass'y ② to the 3 holes of Main Base as attending not to drop or knock the Motor Capstan Ass'y.
- 2) Tighten the 3 Screws in the direction of arrow as shown detail drawing.

Note:

- 1) Don't reuse the removed screws from Motor Capstan Ass'y.
- 2) After tightening screws, check if there is gap between the head of screws and the top side of Main Base. There should have no gap between the head of screws and the top side of Main Base.
- 3) After reinstalling, adjusting the tape transport system again.

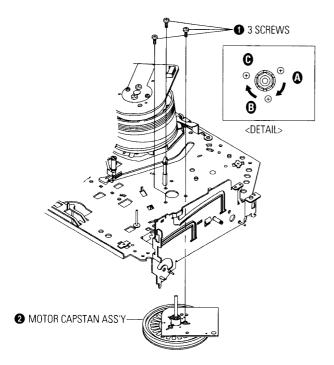


Fig. 4-36 Motor Capstan Ass'y Removal

4-3-29 How to Eject the Cassette Tape (If the unit does not operate on condition that is inserted into housing ass'y)

- 1) Remove the Holder worm **1** and the Gear Worm **2**.
- 2) Turn the Gear Worm Wheel **3** counterclockwise with screw driver. (Refer to arrow)

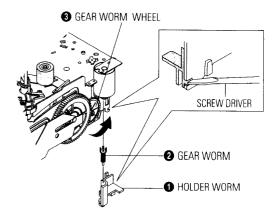


Fig. 4-37

- 3) When Slider S, T are approached in the position of unloading, rotate holder Clutch counterclockwise after inserting screw driver in the hole of frame's bottom in order to wind the unwounded tape. (Refer to Fig. 4-38)
 - (If you rotate Gear Worm Wheel continuously when tape is in state of unwinding, you may cause a tape contamination by grease and tape damage. Be sure to wind the unwounded tape in the state of set horizontally.)
- 4) Rotate Gear Worm Wheel 3 counterclockwise using screw driver again up to the state of eject mode and then pick out the tape. (Refer to Fig. 4-36)

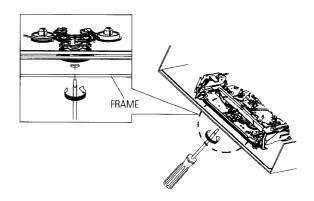


Fig. 4-38

4-4 The table of clearing, Lubrication and replacement time about principal parts

- 1) Table 4-1 is for normal temperature and humidity. It is necessary to check more frequently under extreme conditions.
- 2) The life of the cylinder assembly depends on the operating conditions.
- 3) See exploded view for location of each parts.

<Table 4-1>

| * | Parts Name | Checking Period | | | | Remark | | | | | | | | |
|-----------|--------------------------|-----------------|------|------|------|--------|------|------|------|------|------|---------------------------------------------------------------|--|--|
| | i dis Naile | | 1000 | 1500 | 2000 | 2500 | 3000 | 3500 | 4000 | 4500 | 5000 | Hemark. | | |
| | POST TENSION | Δ | Δ | Δ | Δ | Δ | Δ | Δ | Δ | Δ | Δ | - To clean the parts, use patch and | | |
| | SLANT POST S, T | Δ | Δ | Δ | Δ | Δ | Δ | Δ | Δ | Δ | Δ | alcohol (solvent). | | |
| T | #8 GUIDE SHAFT | Δ | Δ | Δ | Δ | Δ | Δ | Δ | Δ | Δ | Δ | | | |
| A P | CAPSTAN SHAFT | Δ | Δ | Δ | Δ | Δ | Δ | Δ | Δ | Δ | Δ | - After cleaning, use the video tape | | |
| E | #9 GUIDE POST | Δ | Δ | Δ | Δ | Δ | Δ | Δ | Δ | Δ | Δ | after alcohol is gone away completely. | | |
| P | #3 GUIDE POST | Δ | Δ | Δ | Δ | Δ | Δ | Δ | Δ | Δ | Δ | completely. | | |
| A | GUIDE ROLLER S, T | Δ | Δ | Δ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - We recommend to use oil (EP-56) or | | |
| T | CYLINDER ASS'Y | Δ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | solvent. | | |
| Н | FE HEAD | Δ | Δ | Δ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - One or two drops of oil should be | | |
| S | ACE HEAD | Δ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | applied after cleaning with alcohol. | | |
| Y | PINCH ROLLER | Δ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| S | POST REEL S, T | | • | | • | | • | | • | | • | - Periodic time of applying oil | | |
| Ė | SLEEVE TENSION | | • | | • | | • | | • | | • | (Apply oil after cleaning) | | |
| M | POST CENTER | | • | | • | | • | | • | | • | - The excessive applying oil may be the cause of malfunction. | | |
| | LEVER IDLE BOSS (2Point) | | • | | • | | • | | • | | • | the cause of manufication. | | |
| D | CAPSTAN MOTOR PULLEY | Δ | Δ | Δ | Δ | Δ | 0 | 0 | 0 | 0 | 0 | | | |
| R S | BELT PULLEY | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| V T E M G | HOLDER CLUTCH ASS'Y | Δ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | GEAR CENTER ASS'Y | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | GEAR IDLE (2Point) | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | LOADING MOTOR | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| SYST-EZ | BAND BRAKE ASS'Y | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| E M | BRAKE T ASS'Y | L | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |

 Δ : Cleaning

O: Check and replacement in necessary

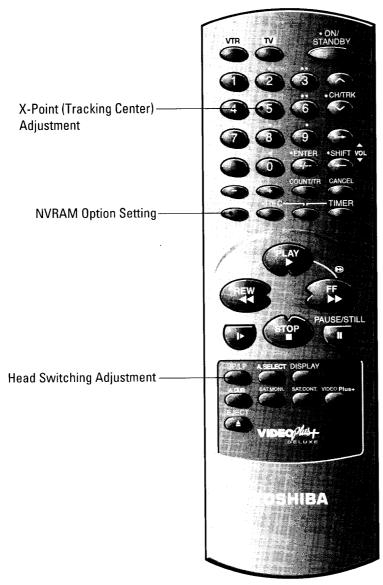
♦ : Add Oil

5. Alignment and Adjustment

5-1 Reference

- 1) X-Point (Tracking center) adjustment, "Head switching adjustment" and "NVRAM option setting" can be adjusted with remote control.
- 2) When replacing the Micom (IC601) and NVRAM (IC605; EEPROM) be sure to adjust the "Head switching adjustment" and "NVRAM option setting".
- 3) When replacing the cylinder ass'y, be sure to adjust the "X-Point" and "Head switching adjustment".
- 4) Remote control used for same chassis as a accessory is available for all adjustments.
- 5) How to adjustment.
 - Press the "SW701 (TEST)" button on Main PCB to set the adjustment mode.
 - If the corresponding adjustment button is pressed, the adjustment is performed automatically.
 - If the adjustment is completed, be sure to turn the power off.

5-1-1 Location of adjustment button of remote control



<This remote control is using the for V-730UK.>

Fig. 5-1

5-1-2 SW701 (TEST) location for adjustment mode setting

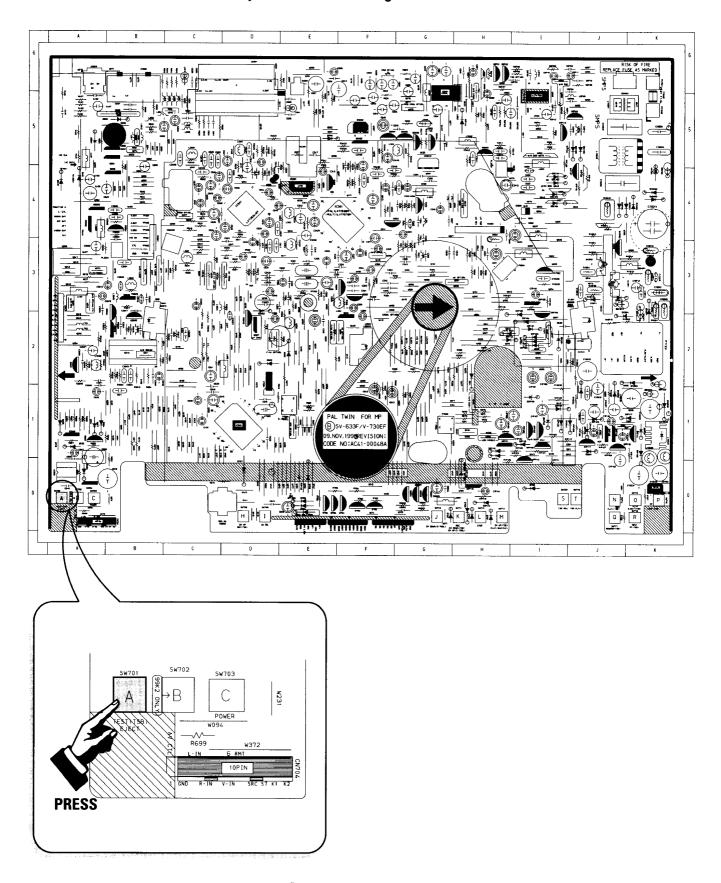


Fig. 5-2 Main PCB (Top View)

5-2 Toshiba

5-2 Mechanical Adjustment

5-2-1 Tape Transport System and Adjustment Locations

The tape transport system has been adjusted precisely in the factory. Alignment is not necessary except for the following:

- 1) Noise observed on the screen.
- 2) Tape damage.
- 3) Parts replacement in the tape transport system.

Lower flange height of tape guide is used as the reference for the transport adjustment.

To maintain the height of the tape guide and prevent damage, do not apply excessive force onto the main base.

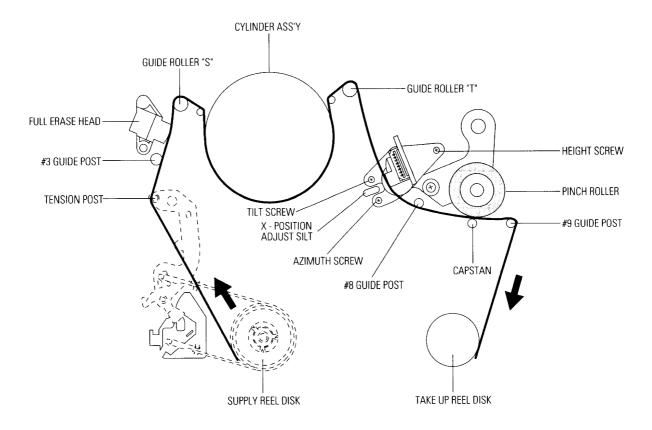


Fig. 5-3 Location of Tape Transport Adjustment

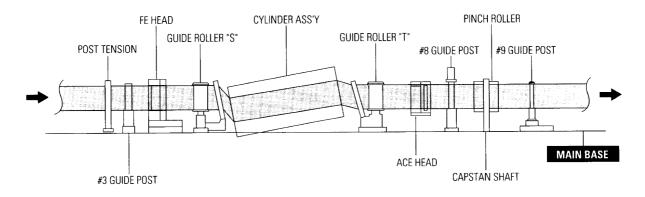


Fig. 5-4 Tape Travel Diagram

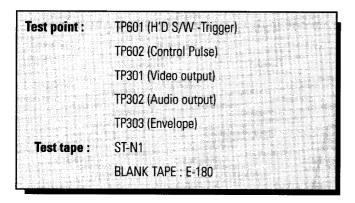
Toshiba 5-3

5-2-2 Tape Transport System Adjustment

When parts are replaced, perform the required adjustments by referring to procedures for the tape transport system. If there are any changes to the tape path, first run a E-120 tape and make sure excessive tape wrinkle does not occur at the tape guides.

- 1) If tape wrinkle is observed at the guide roller S, T, turn the guide roller S, T until wrinkle disappears.
- 2) If the tape wrinkle is still observed at the tape guide, perform the tilt adjustment of the ACE head.

(1) ACE Head Assembly Adjustment



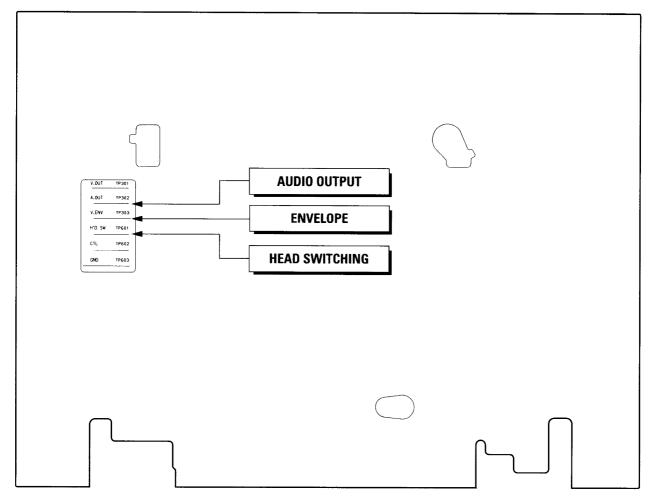


Fig. 5-5 Location of Test point (Main PCB-Top View)

5-4 Toshiba

a. ACE HEAD HEIGHT ADJUSTMENT

- 1) Run the alignment tape (Color bar) in the playback mode.
- 2) Observe surface of the audio head using a dental mirror.
- 3) Turn screw (C) clockwise or counterclockwise until the gap of lower tape edge and the lower edge of the control head is about 0.25mm. (Refer to Fig. 5-6 and 5-7)

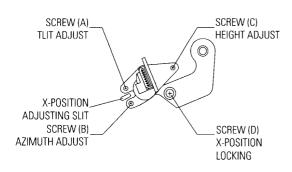


Fig. 5-6 Location of ACE Head Adjustment Screw

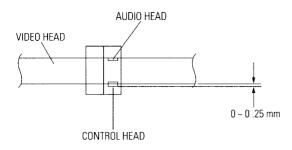


Fig. 5-7 ACE Head Height Adjustment

b. ACE HEAD TILT ADJUSTMENT

- 1) Playback a blank tape and observe the position of the tape at the lower flange of tape guide.
- 2) Confirm that there is no curl or wrinkle at the lower flange of tape guide as shown in Fig. 5-8 (B).
- 3) If a curl or wrinkle of the tape occurs, slightly turn the screw (A) tilt adjust on the ACE head ass'y.
- 4) Reconfirm the ACE head height.

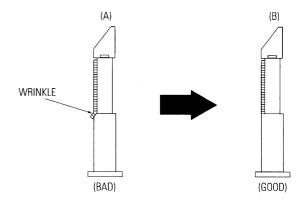


Fig. 5-8 Tape Guide Check

c. AUDIO AZIMUTH ADJUSTMENT

- 1) Load alignment tape (Mono scope) and playback the NTSC: 7KHz (PAL: 6KHz) signal.
- 2) Connect channel-1 scope probe to audio output test point (TP302).
- 3) Adjust screw (B) to achieve maximum audio level. (See Fig. 5-6)

d. ACE HEAD POSITION (X-POINT) ADJUSTMENT

- 1) Playback the alignment tape (Color bar).
- 2) Press the "SW701 (TEST)" button on Main PCB to set the adjustment mode. (See Fig. 5-2)
- 3) Press the "5" button of remote control then adjustment is operated automatically. (See Fig. 5-1)
- 4) Connect the CH-1 probe to TP303 (Envelope) the CH-2 probe to TP601 (H'D switching pulse) and then trigger to CH-1.
- 5) Insert the (-) driver into the X-Point adjustment hole and adjust it so that envelope waveform is maximum.
- 6) Turn the Power off.

(2) Linearity adjustment (Guide roller S, T adjustment)

- 1) Playback the Mono Scope alignment tape (SP mode).
- 2) Observe the video envelope signal on an oscilloscope (triggered by the video switching pulse).
- 3) Make sure the video envelope waveform (at its minimum) meets the specification shown in Fig. 5-9.

If it does not, adjust as follows:

Note:

- a=Maximum output of the video RF envelope.
- b=Minimum output of the video RF envelope at the entrance side.
- c=Minimum output of the video RF envelope at the center point.
- d=Maximum output of the video RF envelope at the exit side.
- 4) If the section A in Fig. 5-10 does not meet the specification, adjust the guide roller S up or down.
- 5) If the section B in Fig. 5-10 does not meet the specification, adjust the guide roller T up or down.

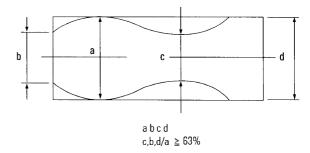


Fig. 5-9 Envelope Waveform Adjustment

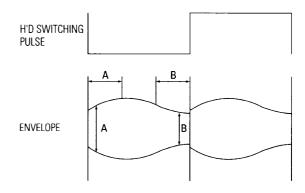


Fig. 5-10 Adjustment Points

- 6) Play back the Mono Scope alignment tape (SP mode).
- 7) Connect an oscilloscope CH-1 to the Envelope and CH-2 to the H'D SW Pulse for triggering.
- 8) Turn the guide roller heads with a flat head () driver to obtain a flat video RF envelope as shown in Fig. 5-11.

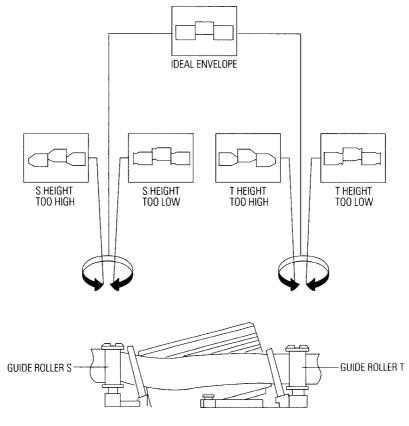


Fig. 5-11 Guide Roller S, T Height Adjustment

5-6 Toshiba

(3) Check Transitional Operation from RPS to Play

Check transition from RPS mode to play mode: Using a pre-recorded SP tape, make sure the entry side of envelope comes to an appropriate steady state within 3 seconds (as shown in Fig. 5-12). If the envelope waveform does not reach specified peak-to peak amplitude within 3 seconds, adjust as follows:

- 1) Make sure there is no gap between the supply roller lower flange and the tape.

 If there is a gap, adjust the supply guide roller again.
- 2) Change operation mode from the RPS to the play mode (again) and make sure the entry side of envelope rises within 3 second.

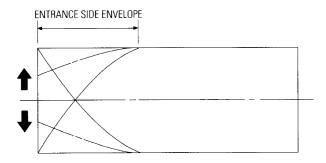


Fig. 5-12 Video Envelope Rising when Operation mode Changes from RPS to Play Mode

(4) Envelope Check

- 1) Make recordings on T-120 (E-120) and T-160 (E-180) tape.

 Make sure the playback output envelope meets the
 - Make sure the playback output envelope meets the specification as shown in Fig. 5-13.
- 2) Play back a self recorded tape (recording made on the unit using with T-120 (E-120).
 - The video envelope should meet the specification as shown in Fig. 5-13.
 - In SP mode, (A) should equal (B).
 - If the head gap is wide, upper cylinder should be checked.

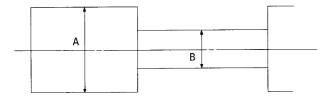


Fig. 5-13 Envelope Output and Output Level

(5) Tape Wrinkle Check

- 1) Run the T-160 (E-180) tape in the playback, FPS, RPS and Pause modes and observe tape wrinkle at each guide.
- 2) If excessive tape wrinkle is observed, perform the following adjustments in Playback mode:
- ◆ Tape wrinkle at the guide roller S, T section : Linearity adjustment.
- ◆ Tape wrinkle at tape guide flange : ACE head assembly coarse adjustment.

5-2-3 Reel Torque

- 1) The rotation of the capstan motor causes the holder clutch ass'y to rotate through the belt pulley.
- 2) The spring wrap PLAY/REV of holder clutch ass'y drives the disk reel S, T through gear idle by rotation of gear center ass'y.
- 3) Brake is operated by slider cam at FF/REW mode.
- 4) Transportation of accurate driving force is done by gears. (Gear Center Ass'y)

Note: If the spec. does not meet the followings specifications, replace the holder clutch ass'y and then recheck.

| - | | | _ / | |
|---|----|----|-----|---|
| / | ah | lΔ | 5-1 | \ |
| _ | ab | 16 | J | - |

| MODE | TO | RQUE g/cm | GAUGE | |
|------|------|-------------|----------------------|--|
| PB | NTSC | 82.5 ± 27.5 | Canadta Tarquamatar | |
| l LD | PAL | 79 ± 27 | Cassette Torquemeter | |
| RPS | | 145 ± 30 | Cassette Torquemeter | |

5-2-4 Location adjustment and Confirmation of Tension Post

- 1) Remove the holder cassette ass'y and then push the lever FL Arm-R to the direction of loading.
- 2) Push the lever tension drive **1** in the direction of arrow. (See Fig. 5-14)
- 3) Turn the gear worm wheel 2 clockwise so that "Timing Point" of the slider FL drive 3 and gear FL cam 4 can be aligned (See Fig. 5-15)

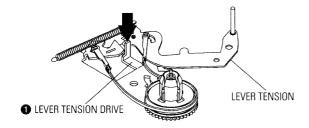


Fig. 5-14

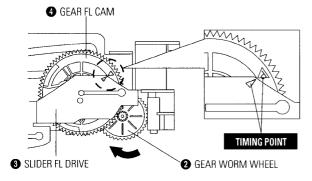


Fig. 5-15

- 4) As rotating Disk S Reel ① clockwise and the region of adjusting in the Main Base (in shape of slit) clockwise or counterclockwise after inserting screw driver in the slit on Main Base. Adjust the left end edge of Lever Tension Ass'y ③ to 1.3 +1.5/-0.5mm from the location of mark in the Main Base.
- 5) As rotating Disk S Reel **①**, double-check the location of the left end edge of Lever Tension Ass'y and the quantity of crossing from mark on Main Base. (+1.0/-0.5mm)

Counterclockwise: Torque UP **Clockwise**: Torque DOWN

Back Tension should be 56 ± 15 g.cm at inspecting it with Back Tension Meter.

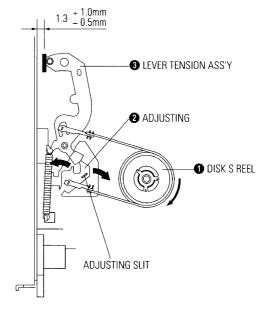


Fig. 5-16 Tension Pole and Back Tension Adjustment

Note

- 1) Mark on Main Base is located in about 1.3mm from inside of bending line.
- 2) Be careful not to deform the region of adjusting on Main Base up and down at adjusting.

5-8 Toshiba

5-3 Head Switching Point Adjustment

- 1) Playback the alignment tape.
- 2) Press the "SW701 (TEST)" button on Main PCB to set the adjustment mode. (See Fig. 5-2)
- 3) Press the "SP/SLP" button of remote control then adjustment is operated automatically. (See Fig. 5-1)
- 4) Turn the Power off.

5-4 NVRAM Option Setting

- 1) NVRAM Option is adjusted at production line basically.
- 2) In case Micom (IC601) and NVRAM (IC605; EEPROM) is replaced, be sure to set the corresponding option number of the repaired model. (If the option is not set, the unit is not operated.)
- 1) Press the "SW701 (TEST)" button on Main PCB to set the adjustment mode. (See Fig. 5-2)
- 2) Press the "MENU (OSP)" button on the remote control about 5 seconds then option setting display is appeared. (See Fig. 5-17)
- 3) Select the option number (See Table 5-2) of corresponding model with "SHIFT " button on the remote control.
- 4) If selecting the option number is completed, press the "CH/TRK (PROG.TV) button of remote control. (If "CH/TRK (PROG.TV) button is pressed, the selected number is changes reversed color.; See Fig. 5-17)
- 5) Press the "ENTER (ENTRER)" button of remote control again to store the option number. ("SAVE" is displayed for a second as shown Fig. 5-18 and this setting is completed.)
- 6) Turn the Power off.

<Table 5-2>

| MODELS | OPTION NUMBER |
|---------------|-------------------------------------------------------------------------------------------------|
| V-730EF | 2, 4, 5, 6, 7, 8, 9, 12, 13, 14, 15, 16, 18, 19, 21, 22, 23, 24, 25, 29, 33, 36, 40, 44, 46, 48 |
| V-610EF | 2, 4, 5, 7, 8, 9, 12, 13, 14, 15, 16, 18, 19, 21, 22, 23, 24, 25, 29, 34, 36, 40, 44, 46, 48 |
| V-510EF | 5, 8, 9, 12, 13, 14, 15, 18, 19, 21, 22, 23, 25, 29, 34, 36, 39, 40, 44, 46, 48 |
| V-430EF | 2, 5, 6, 7, 8, 9, 12, 16, 18, 19, 22, 24, 25, 29, 33, 36, 40, 46, 48 |
| V-230EF | 2, 5, 6, 7, 9, 16, 18, 19, 22, 24, 25, 29, 33, 40, 46, 48 |
| V-220EF | 2, 5, 9, 18, 19, 22, 25, 29, 34, 39, 40, 46, 48 |
| V-730UK | 3, 4, 5, 6, 7, 8, 12, 13, 15, 21, 22, 23, 24, 33, 36, 40, 44, 46, 48 |
| V-720UK/710UK | 3, 5, 7, 8, 12, 13, 15, 21, 22, 23, 24, 34, 36, 39, 40, 44, 46, 48 |
| V-430UK | 3, 4, 5, 7, 8, 12, 22, 23, 24, 33, 36, 37, 46, 48 |
| V-230UK | 3, 4, 5, 7, 8, 22, 23, 24, 33, 36, 37, 46, 48 |
| V-220UK | 3, 4, 5, 7, 8, 22, 23, 24, 33, 36, 37, 46, 48 |
| V-210UK | 3, 8, 22, 34, 36, 46 |
| V-740EG/730EG | 2, 4, 5, 6, 7, 8, 10, 12, 13, 14, 15, 16, 18, 21, 22, 23, 24, 26, 30, 33, 36, 40, 44, 46, 48 |
| V-430EG | 2, 4, 5, 7, 8, 10, 12, 16, 18, 22, 23, 24, 26, 30, 33, 36, 37, 46, 48 |
| V-230EG | 2, 4, 5, 7, 8, 10, 16, 18, 22, 23, 24, 26, 30, 33, 36, 37, 46, 48 |
| V-210EG | 5, 7, 8, 10, 16, 18, 22, 26, 30, 34, 36, 46, 48 |
| V-720W | 5, 6, 8, 10, 12, 13, 14, 15, 18, 21, 22, 23, 26, 29, 30, 34, 36, 40, 44, 46, 48 |
| V-710W | 5, 6, 8, 10, 12, 13, 14, 15, 18, 21, 22, 23, 26, 29, 30, 34, 36, 40, 44, 46, 48 |
| V-420W | 5, 6, 8, 10, 12, 18, 22, 26, 29, 30, 34, 36, 37, 46, 48 |
| V-410W | 5, 6, 8, 10, 12, 18, 22, 26, 29, 30, 34, 36, 37, 46, 48 |
| V-220W | 6, 8, 10, 17, 18, 22, 26, 29, 30, 34, 36, 37, 46, 48 |
| V-210W | 6, 8, 10, 17, 18, 22, 26, 29, 30, 34, 36, 37, 46, 48 |

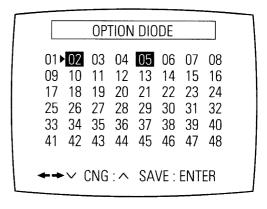


Fig. 5-17

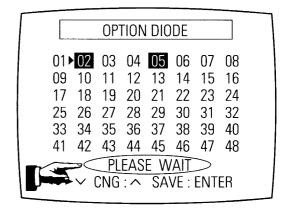


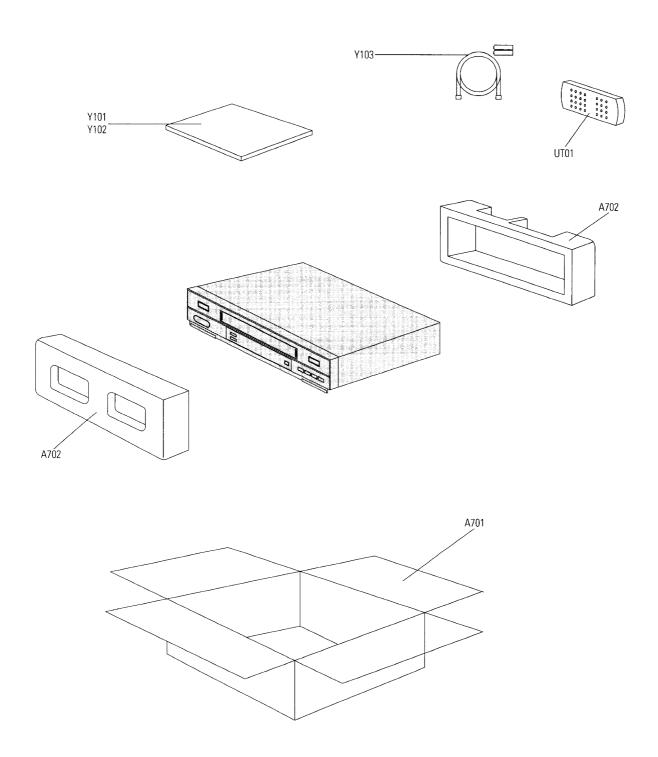
Fig. 5-18

Toshiba

6. Exploded View

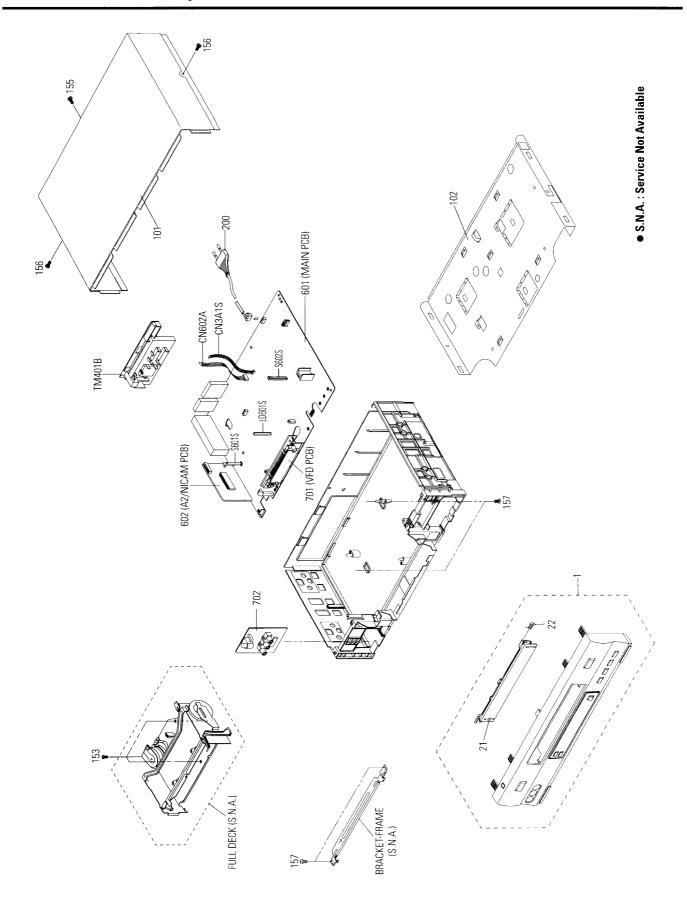
| 6-1 | Packing Assembly | 6-2 |
|-----|--------------------------------|-----|
| 6-2 | Instrument Assembly | 6-3 |
| 6-3 | Mechanical Parts (Top Side) | 6-4 |
| 6-4 | Mechanical Parts (Bottom Side) | 6-5 |

6-1 Packing Assembly



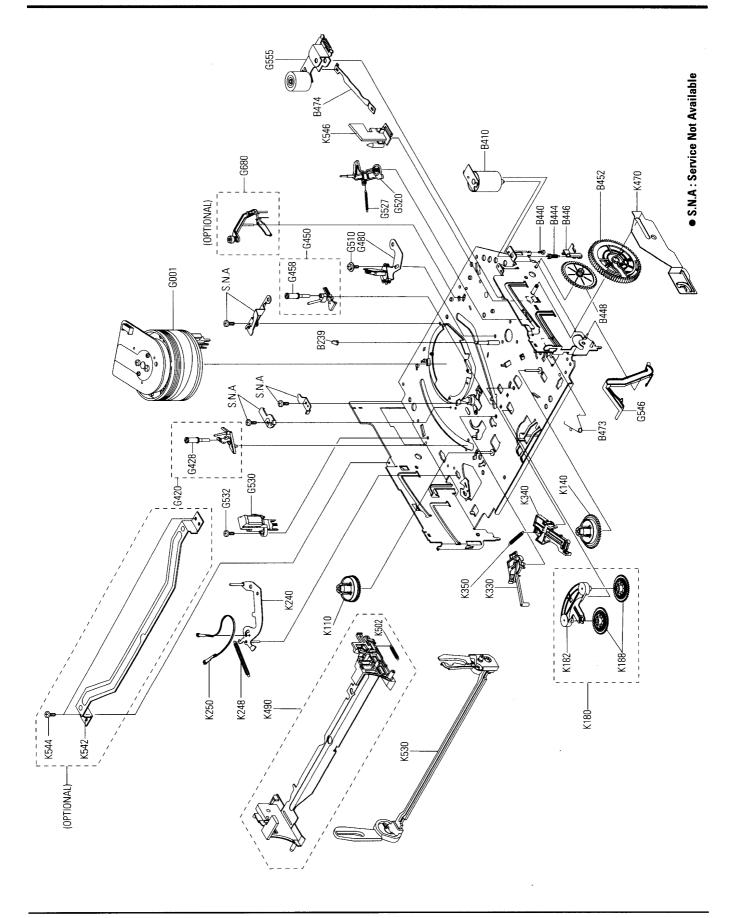
6-2 Toshiba

6-2 Instrument Assembly

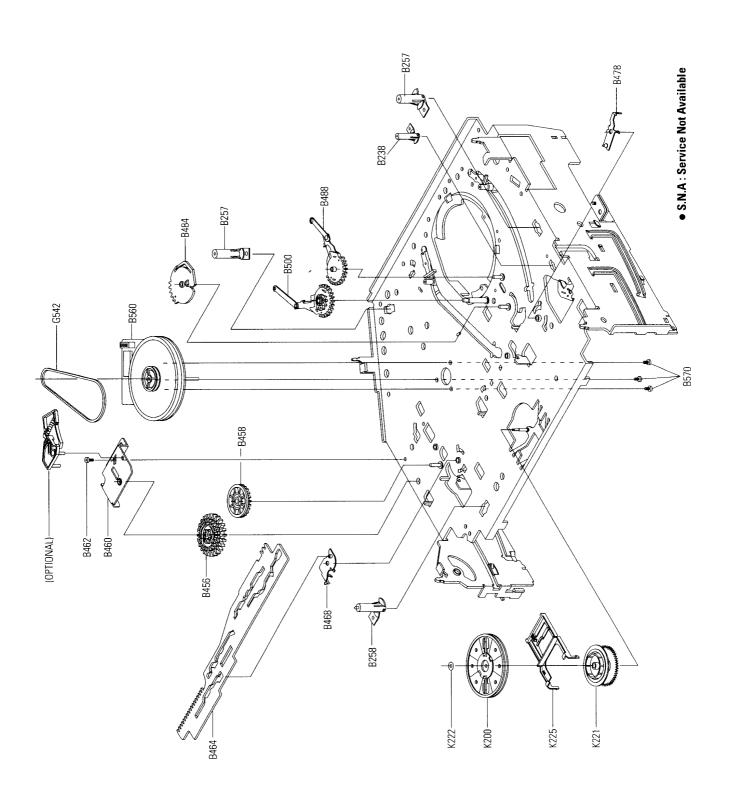


Toshiba 6-3

6-3 Mechanical Parts (Top Side)



6-4 Toshiba



Toshiba 6-5

7. Replacement Parts List

7-1 Hi-Fi Models (V-730EF/610EF/510EF/730UK/720UK/710UK/740EG/730EG/720W/710W)

| Loc.No. | TSB Parts No. | Reference No. | Description; Specification | Remark |
|---------|----------------------|----------------------------|---------------------------------------------------------------------------------------|---------------------------------------|
| - PACI | KING PAR | TS - | | |
| A701 | BY730492 | AC69-00067A | PACKING-CASE;V-730F,-,-,-,SW2+YEL,-,-, | V-730EF |
| | BY730466 | AC69-00067B | PACKING-CASE,V-610EF,-,-,-,SW2+YEL,-,- | V-610EF |
| | BY730521 | AC69-00067C | PACKING-CASE;V-510EF,-,-,-,SW2+YEL,-,- | V-510EF |
| | BY730522 | AC69-00067H | PACKING-CASE;V-730UK,-,-,-,SW2+YEL,-,- | V-730UK |
| | BY730523 | AC69-00067U | PACKING CASE;V-720UK,SW2,-,-,-,YEL,-,-,- | V-720UK V-710UK |
| | BY730524 | AC69-00067J | PACKING-CASE;V-710UK,-,-,-,-,SW2+YEL,-,- | V-740EG |
| | BY730525 | AC69-00067K | PACKING-CASE;V-740EG,-,-,-,SW2+YEL,-,- PACKING-CASE;V-730EG,-,-,-,SW2+YEL,-,- | V-730EG |
| | BY730526 BY730527 | AC69-00067L AC69-00067V | PACKING CASE;V-730Ed,-,-,-,-,3VV2+1EE,-,- PACKING CASE;V-720W,SW2,-,-,-,YEL,-,-,-, | V-720W |
| | BY730528 | AC69-00067G | PACKING-CASE; V-710W,-,-,-,SW2+YEL,-,-, | V-710W |
| A702 | BY730464 | AC69-00041A | CUSHION-F/B;M-656/TSB,EPS,-,-,-,- | ALL Models |
| UT01 | BY634283 | AC59-00015J | REMOCON-ASSY;-,VT-730EF(70148444),-,-,V- | V-730EF |
| 0.01 | BY634276 | AC59-00015K | REMOCON-ASSY;-,VT-610EF(70148445),-,-,V- | V-610EF |
| | BY634290 | AC59-00015L | REMOCON-ASSY;-,VT-510EF(70148446),-,-,V- | V-510EF |
| | BY634291 | AC59-00015A | REMOCON-ASSY;-,VT-730UK(70148439),-,-,V- | V-730UK |
| | BY634292 | AC59-00015B | REMOCON-ASSY;-,VT-710UK(70148440),-,-,V- | V-720UK/710UK |
| | BY634293 | AC59-00015F | REMOCON-ASSY;-,VT-730EG(70148436),-,-,V- | V-740EG/730EG |
| | BY634294 | AC59-00015P | REMOCON-ASSY;-,VT-710W(70148449),-,-,V-7 | V-720W/710W |
| Y101 | BY634282 | AC68-00639A | MANUAL USERS;V-730EF/TSB,-,-,-,-,-,- | V-730EF |
| | BY634280 | AC68-00640A | MANUAL USERS;V-610EF/TSB,-,-,-,-,-,- | V-610EF V-510EF |
| | BY634295 | AC68-00641A | MANUAL USERS;V-510EF/TSB,-,-,-,-,-,- | V-310EI V-730UK |
| | BY634296 | AC68-00648A | MANUAL USERS;V-730UK/TSB,-,-,-,-,-,- | V-720UK/710UK |
| | BY634297 | AC68-00649A | MANUAL USERS;V-710UK/TSB,-,-,-,-,-,- MANUAL USERS;V-740EG/TSB,-,-,-,-,-,- | V-740EG |
| | BY634298 | AC68-00654A AC68-00654A | MANUAL USERS;V-740EG/TSB,-,-,-,-,-,-,- | V-730EG |
| | BY634298 BY634300 | AC68-00660A | MANUAL USERS;V-740Ed/T3B, , , , , , , , , , , , , , , , , , , | V-720W/710W |
| Y102 | BY634302 | AC68-00663A | MANUAL USERS;V-710W/TSB,RUSIA+SPA,-,-,- | V-710W |
| Y103 | BY634253 | AC39-00017A | CABLE-ETC-RF(PAL);-,MALE/FEMALE,1200MM,R | ALL Models |
| | | | | |
| - INST | TRUMENT | PARTS - | _ | V 700FF |
| 1 | BY730496 | AC97-00491A | ASSY-PANEL FRONT; V-730EG ,HIPS 94HB,- | V-730EF |
| | BY730469 | AC97-00520A | ASSY-PANEL FRONT; V-610EF, HIPS 94HB, - | V-610EF V-510EF |
| | BY730529 | AC97-00521A | ASSY-PANEL FRONT; V-510EF, HIPS 94HB, | V-310EF V-730UK |
| | BY730530 | AC97-00522A | ASSY-PANEL FRONT; V-730UK, HIPS 94HB,- | V-7300K V-720UK |
| | BY730531 | AC97-00763A | ASSY-PANEL FRONT;V-720UK,HIPS 94HB,- | V-7200K V-710UK |
| | BY730532 | AC97-00523A | ASSY-PANEL FRONT;V-710UK,HIPS 94HB,- ASSY-PANEL FRONT;V-740EG,HIPS 94HB,- | V-740EG |
| | BY730533 | AC97-00755A AC97-00524A | ASSY-PANEL FRONT; V-730EG, HIPS 94HB,- | V-730EG |
| | BY730534 BY730535 | AC97-00324A AC97-01025A | ASSY-PANEL FRONT; HIPS 94HB, V-720W/TSB,- | V-720W |
| | BY730536 | AC97-01025A | ASSY-PANEL FRONT; V-710W, HIPS 94HB,- | V-710W |
| 21 | BY730484 | AC64-00135A | DOOR-CASSETTE;-,ABS94HB BRN,-,-,-,SILVER | V-730EF |
| 21 | BY730460 | AC64-00135B | DOOR-CASSETTE;-,ABS94HB BLK,-,-,-,8746D/ | V-610EF |
| | BY730537 | AC64-00135C | DOOR-CASSETTE;-,ABS94HB BROWN,-,-,-,SILV | V-510EF |
| | BY730538 | AC64-00135D | DOOR-CASSETTE;-,ABS94HB BROWN,-,-,-,SILV | V-730UK |
| | BY730539 | AC64-00135U | DOOR-CASSETTE;-,ABS94HB BRN,-,-,-,SILVER | V-720UK |
| | BY730540 | AC64-00135E | DOOR-CASSETTE;-,ABS94HB BROWN,-,-,-,SILV | V-710UK |
| | BY730541 | AC64-00135L | DOOR-CASSETTE;-,ABS94HB BRN,-,-,-,SILVER | V-740EG |
| | BY730542 | AC64-00135F | DOOR-CASSETTE;-,ABS94HB BROWN,-,-,-,SILV | V-730EG V-720W |
| | BY730543 | AC64-00135W | DOOR-CASSETTE;-,ABS94HB BRN,-,-,-,BLK,-, | V-720VV V-710W |
| | BY730544 | AC64-00135G | DOOR-CASSETTE;-,ABS94HB BROWN,-,-,-,SILV SPRING-MASK;X-9,-,SUS,-,4.4,-,SV-C130 | ALL Models |
| 22 | BY730093 | AC61-62032A AC64-30899C | CABINET-TOP-ASSY;-,PCM(SECC),-,0.525,380 | V-730EF/610EF/510EF/730UK/720UK/740EG |
| 101 | BY730313 | AC64-30899B | CABINET-TOT-A331,-,TGM(3EGG),-,0.323,330 CABINET-TOP;V-629G/TSB,PCM MD552,SECC,T0 | V-710UK/710W |
| | BY730312 BY730314 | AC64-30899D | CABINET-TOP-ASSY;-,PCM(SECC),-,0.525,380 | V-730EG/720W |
| 102 | BY730280 | AC63-32128A | COVER-BOTTOM; SV-C140F, SECC, 387.7X197.6, T | ALL Models |
| 153 | 70790218 | AC60-12126A | SCREW-BH;-,BH,-,4*12,FE,FZY,-,-,- | ALL Models |
| 155 | 70790082 | AC60-12134A | SCREW-TAP BH;-,BH,-2-4X16,-,FE | ALL Models |
| 156 | BY730204 | AC60-00001A | SCREW-MACHINE;-,BH,*,4X12,M4,L12,BLK,SMC | ALL Models |
| 157 | 70790002 | AC60-10063A | SCREW-TAPTITE;BH,+,-,M3,L12,ZPC3,SWRCH18 | ALL Models |
| 200 | BY634124 | AC39-10019A | POWER CORD;KKP-419C,H03VVH2-F,VDE/KEMA-K | "EF/EG/W" Models Only |
| | BY634126 | AC39-12022K | POWER-CORD;Y352160,H03VVH2-F,-,BS6500,1. | "UK" Models Only |
| CN3A1S | | 3809-001111 | CABLE-FLAT;30V,80C,130mm,7P,1.25mm,UL289 | ALL Models |
| CN602A | | 3809-001049 | CABLE-FLAT;30V,80C,100MM,5P,1.25MM,UL289 | ALL Models ALL Models |
| LD601S | BY730082 | AC61-21009A | HOLDER-LED;-,POM(M90-44),-,BLK,-,X-9 | ALL Models |
| S601S | BY730080 | AC61-21008A | HOLDER-SENSOR;-,POM(M90-44),-,BLK,-,X-9 HOLDER-SENSOR;-,POM(M90-44),-,BLK,-,X-9 | ALL Models |
| S602S | BY730080 | AC61-21008A | CONNECTOR BOARD-ASSY;SV-C140F,HIPS94,HB, | "EF" Models Only |
| TM401B | | AC61-11061A AC61-11061C | CONNECTOR BOARD-ASSY, 3V-61401, FIII 334, FIB. | "UK" Models Only |
| | BY730221 BY730220 | AC61-11061B | CONNECTOR BOARD-ASSY;V-629G/TSB,HIPS94,H | "EG/W" Models Only |
| | D1730420 | , .05. 110010 | | |

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| Loc.No. | TSB Parts No. | Reference No. | Description ; Specification | Remark |
|--------------|----------------------|----------------------------|-----------------------------------------------------------------------------------|--------------------------------------|
| - ME | CHIANICAL | PARTS - | | |
| B238 | BY730087 | AC61-50660A | SLEEVE-TENSION;-,POM M90-44,-,-,ID3,-,-, | |
| B239 | BY730234 | AC61-21004A | CAP-#8 GUIDE;-,POM M90-44,-,NTR,-,X-9 | |
| B257 | BY730247 | AC61-50661A | POST-MAIN PCB;-,POM M90-44,-,-,NTR,-,X-9 | |
| B258 | BY730266 | AC61-50684A | GUIDE-MAIN PCB;-,POM,OD7,L20,-,BLACK,X-9 | |
| B410 | BY730456 | AC31-12016D | MOTOR-LOADING ASSY;-,SNHNE,-,- | |
| B440 B444 | BY730072 | AC60-10515A | SCREW-MACHINE;-,PH,+,-,M3,L3,ZPC,-,YEL | |
| B446 | BY730104 BY730079 | AC66-20571A AC61-21005A | GEAR-WORM;-,POM SW-01,0.5,2,-,4.5,X-9 | |
| B448 | BY730105 | AC66-20573A | HOLDER-WORM;-,POM M90-44,-,-,-,X-9 GEAR-WORM WHEEL;-,POM SW-01,0.6,11,-,6.6 | |
| B452 | BY730107 | AC66-20575A | GEAR-FL CAM;-,POM SW-01,M0.6,Z88,-,PCD58 | |
| B456 | BY730108 | AC66-20576A | GEAR-JOINT 1;-,POM SW-01,M1.0,Z22,-,PCD2 | |
| B458 | BY730106 | AC66-20574A | GEAR-JOINT 2;-,POM SW-01,M1.0,Z14,-,PCD1 | |
| B460 | BY730447 | AC61-11045A | BRACKET-GEAR;-,SECC20/20,-,T1.2,-,-,X-9 | |
| B462 | BY730073 | AC60-10517A | SCREW-TAP TITE;-,PH,+,-,M2.6,L5,ZPC,-,YE | |
| B464 B468 | BY730381 BY730450 | AC66-80140A | SLIDER-CAM;-,SECC20/20,T1.2,-,-,X-9 | |
| B473 | BY730090 | AC66-30541A AC61-60559A | LEVER-PINCH DR ASSY;-,-,-,-,X-9 SPRING-PINCH DRIVE;-,TS,SUS304,PI0.5,OD4 | |
| B474 | BY730244 | AC61-30180A | PLATE-JOINT;-,SECC20/20,T0.8,-,X-9 | |
| B478 | BY730449 | AC66-30540A | LEVER-TENS DR ASSY;-,-,-,-,-,X-9 | |
| B484 | BY730110 | AC66-20580A | GEAR-LOADING DRIVE;-,POM SW-01,M1.0,Z32. | |
| B488 | BY730117 | AC66-30543A | LEVER-S LOAD ASSY;-,-,-,-,X-9 | |
| B500 | BY730116 | AC66-30542A | LEVER-T LOAD ASSY;-,-,-,-,X-9 | |
| B560 | BY730455 | AC31-00005A | MOTOR-CAPSTAN;-,F2QSB02,-,- | |
| B570 G001 | BY730071 | AC60-10514A | SCREW-CAPSTAN;-,PH,+,M2.6,L6,- | |
| 0001 | BY730471 BY730545 | AC97-00566A AC97-00551A | ASSY-CYLINDER;CX-9T,SECAM,6HD | "EF" Models |
| G420 | BY730124 | AC66-80142A | ASSY-CYLINDER;CX-9T,PAL,6HD SLIDER-SUPPLY ASSY;-,X-9(TS),-,-,-,X-9 | "UK/EG/W" Models |
| G428 | BY730451 | AC66-40153A | ROLLER-SUPPLY ASSY;-,VW-32,OD7,-,X-9 | |
| G450 | BY730123 | AC66-80141A | SLIDER-TAKE UP ASSY;-,X-9(TS),-,-,-X-9 | |
| G458 | BY730452 | AC66-40154A | ROLLER-TAKE UP ASSY;-,VW-32,OD7,-,X-9 | |
| G480 | BY730052 | AC33-00003A | HEAD-ACE-ASSY;SHINHEUNG,-,-,-,X-9 | |
| G510 | BY730479 | 6006-001075 | SCREW-ASS'Y TAPT;WSP,PH,+,M2.6,L5.0,ZPC(| |
| G520 G527 | BY730115 BY730088 | AC66-30539A | LEVER-#9 GUIDE ASSY;-,X-9(TS),-,-,-,X-9 | |
| G530 | BY730053 | AC61-60553A AC33-00002A | SPRING-#9 GUIDE;-,ES,SUS304-WPB,OD3.1,0. HEAD-FE;-,HVFHP0038A,-,-,-,X-9 | |
| G532 | BY730075 | AC60-10519A | SCREW-TAP TITE;-,PH,+,-,M2.6,L8,ZPC | |
| G542 | BY730122 | AC66-60051A | BELT-PULLEY;-,5CM-70,2 * 2,-,71.3,-,X-9 | |
| G546 | BY730113 | AC66-30535A | LEVER-FL DOOR;-,POM M90-44,-,-,BLK,X-9 | |
| G555 | BY730070 | AC59-90403A | UNIT-PINCH ASSY;X-9,- | |
| G680 | BY730372 | AC66-30557A | LEVER-H/CLEANER ASSY;-,POM+URETHANE,-,-, | |
| K110 K140 | BY730102 BY730103 | AC66-10267A | REEL-DISK S;-,POM M90-44,-,-,X-9 | |
| K140 | BY730369 | AC66-10268A AC66-30548A | REEL-DISK T;-,POM M90-44,-,-,X-9 LEVER-IDLER ASSY;-,POM+NYLON,-,-,-,X-9 | |
| K182 | BY730112 | AC66-30524A | LEVER-IDLER;-,POM9044,-,-,- | |
| K188 | BY730109 | AC66-20577A | GEAR-IDLER;-,PEBAX 7033,-,-,-,X-9 | |
| K200 | BY730084 | AC61-21012A | HOLDER-CLUTCH ASSY;-,-,-,-,X-9 | |
| K221 | BY730111 | AC66-20581A | GEAR-CENTER ASSY;-,POM,M=0.5,-,HIGHT T., | |
| K222 | BY730076 | AC60-30306A | WASHER-SLIT;-,-,ID2.1,OD5.0,T0.5,-,P0LYS | |
| K225 | BY730119 | AC66-30547A | LEVER-UP DOWN ASSY;-,POM+SUS,-,-,-,X-9 | |
| K240 K248 | BY730114 BY730089 | AC66-30538A AC61-60554A | LEVER-TENSION ASSY;-,X-9(TS),-,-,-,X-9 | |
| K250 | BY730094 | AC63-12029A | SPRING-TENSION LEVER;-,ES,SUS304-WPB,OD3 BAND-BRAKE ASSY;-,X-9(TS),-,-,-X-9 | |
| K330 | BY730121 | AC66-30550A | LEVER-S.BRAKE ASSY:-,POM+SUS,-,X-9 | |
| K340 | BY730120 | AC66-30549A | LEVER-T.BRAKE ASSY;-,POM+SUS,-,-,-,X-9 | |
| K350 | BY730092 | AC61-60564A | SPRING-BRAKE;-,TENSION,SWP-A,0.25,3,-,X- | |
| K470 | BY730454 | AC66-80139A | SLIDER-FL DRIVE;-,SECC E20/20,T1.2,-,-,X | |
| K490 | BY730083 | AC61-21010B | HOLDER-CASS ASSY;-,SECC+POM+SUS,-,-,SEIN | |
| K502 K530 | BY730091 BY730118 | AC61-60561A AC66-30546A | SPRING-FL.LEVER-LR;-,ES,SUS304 WPB,PI2.7 | |
| K546 | BY730086 | AC61-50658A | LEVER-FL.ARM ASS'Y;-,SECC+POM+SUS,-,-,-, GUIDE-CASS. DOOR;-,POM M90-44,-,-,NTR,-, | |
| | 01100000 | 71331 3330371 | GOIDE GROOT DOON, IT ON WIND 44, I, INTIN, I | |
| - ELEC | CTRICAL PA | ARTS - | | |
| 601 | BY630098 | AC92-00305A | ASSY-PCB-MAIN;V-730EF/TSB,HI-FI | V-730EF |
| | BY630088 | AC92-00306A | ASSY-PCB-MAIN;V-610EF/TSB,HI-FI | V-610EF |
| | BY630108 | AC92-00307A | ASSY-PCB-MAIN;V-510EF/TSB,HI-FI | V-510EF |
| | BY630109 | AC92-00313A | ASSY-PCB-MAIN;V-730UK/TSB,HI-FI | V-730UK |
| | BY630110 | AC92-00314A | ASSY-PCB-MAIN;V-710UK/TSB,HI-FI | V-720UK/710UK |
| | BY630111 BY630112 | AC92-00321A AC92-00310A | ASSY-PCB-MAIN;V-730EG/TSB,HI-FI ASSY-PCB-MAIN;V-710W/TSB,HI-FI | V-740EG/730EG |
| 602 | BY630092 | AC92-00510A AC92-00504A | ASSY-PCB-SUB;SV-633F,V-730EF,A2/NICAM | V-720W/710W |
| 701 | BY630099 | AC92-00304A | ASSY-PCB-VFD-AVLINK;V-730EF,72/NICAW | V-730EF/730UK/740EG/730EG |
| | BY630090 | AC92-00324A | ASSY-PCB-VFD-Only;V-610EF/TSB,VFD-Only | V-730E177300R/740EG/730EG V-610EF |
| | BY630113 | AC92-00509A | ASSY-PCB-VFD;V-510EF,V-720UK,VFD-Only,TS | V-510EF/720UK/710UK/720W/710W |
| 702 | BY630100 | AC92-00326A | ASSY-PCB-F/AV-SRC;V-730EF/TSB,F/AV-SRC | V-730EF/740EG/730EG |
| | BY630114 | AC92-00428A | ASSY-PCB-SRC;V-610EF/TSB,SRC Only | V-610EF |
| | BY630078 BY630115 | AC92-00091A AC92-00454A | ASSY-PCB-SUB;V-729EG/TSB,CBC2 ASSY-PCB-F/AV;V-W57H/TSB,F/AV-HIFI | V-730UK V-720\4/710\4/ |
| | 51000110 | 7007-00404M | 7.001 1 0D-17AV, V-VVJ/11/10B,17AV-NIFI | V-720W/710W |
| | | | | |

7-2 Toshiba

| Loc.No. | TSB Parts No. | Reference No. | Description ; Specification | Remark |
|--------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------|--------------------------------------------------------------------------------------|-------------------------------------------|
| <interg< td=""><td>GRATED CIRCUIT</td><td>TS></td><td></td><td></td></interg<> | GRATED CIRCUIT | TS> | | |
| IC1SF1 | BY631087 | 1203-001802 | IC-PWM CONTROLLER;STR-G6551,TO-220F,5P,- | |
| IC1SS1 | BY530004 | 0604-001028 | PHOTO-COUPLER;TR,50-600%,250mW,DIP-4,ST | \triangle |
| IC1SS2 | BY631008 | AC14-12006D | IC;KA431Z,TO-92,TAPING | |
| IC301 | BY631049 | 1204-001649 | IC-VIDEO PROCESS;LA71598M,QFP,100P,-,PLA | |
| IC3S01 | BY631062 | 1204-001437 | IC-CHROMA;LA7359,DIP,28P,400MIL,PLASTIC, | "EF" Models Only |
| IC4N01 | BY631063 | 1204-001516 | IC-AUDIO PROCESSOR;MSP3417D,DIP,52P,551M | |
| IC501 | BY631023 | 1204-001479 | IC-AUDIO PROCESSOR;LA72634AM,QFP,64P,400 | |
| IC601 | BY631092 | AC09-00109A | IC-MICOM;uPD784927GF-155-3BA,784927GF-1 | "EF/EG" Models Only |
| IC601 | BY631098 | AC09-00105A | IC-MICOM;uPD784927GF-156-3BA,784927GF-1 | "UK" Models Only |
| IC601 | BY631099 | AC09-00107A | IC-MICOM;uPD784927GF-158-3BA,784927GF-1 | "W" Models Only |
| IC602 | BY631022 | 1003-001162 | IC-MOTOR DRIVER;KA3082,SIP,10PIN,25MIL,D | |
| IC604 | 70795269 | AC14-12006C | IC;KA7533,DIP,- | |
| IC605 | BY631082 | 1103-001150 | IC-EEPROM;24C081,8KBIT,DIP,8P,300MIL,10M | |
| IC608 | BY631059 | 1203-000515 | IC-VOL. DETECTOR;7042,TO-92,3P,177MIL,PL | |
| IC6P01 | BY631068 | AC09-12014Z | IC-MCU;LC74776M,30P,MFP,OSD/VPS/PDC I | |
| IC6P01 | BY631066 | AC09-10459G | IC-MCU;LC74789YJM-9771,24P,MFP,OSD IC | V-510EF Only |
| IC6P01 | BY631100 | AC09-00115A | IC-OSD;LC74759JM-9792,LC74759JM-9792, | "W" Models Only |
| IC701 | BY631094 | AC09-00092A | IC MCU;uPD780232GC-014-8BT,uPD780232G | |
| IC801 | BY631064 | 1205-001484 | IC-SWITCH;LA7147M,SOP,36PIN,375MIL,PLAST | |
| <trans< td=""><td>ISTORS></td><td></td><td></td><td></td></trans<> | ISTORS> | | | |
| Q1P101 | 70693265 | 0501-000616 | TR-SMALL SIGNAL;KSC2328A-Y,NPN,1W,TO-92L | |
| Q1P102 | 70693265 | 0501-000616 | TR-SMALL SIGNAL;KSC2328A-Y,NPN,1W,TO-92L | |
| Q1P103 | 70693265 | 0501-000616 | TR-SMALL SIGNAL;KSC2328A-Y,NPN,1W,TO-92L | |
| Q1P104 | 70693410 | 0501-000610 | TR-SMALL SIGNAL;KSA928A-Y,PNP,1W,TO-92L, | |
| Q1P105 | 70795137 | 0504-000116 | TR-DIGITAL;KSR1001,NPN,300MW,4.7K/4.7K,T | |
| Q1P106 | 70795142 | 0501-000442 | TR-SMALL SIGNAL;KTC3203-Y,NPN,400MW,T0-9 | |
| Q1P107 | 70795818 | 0501-000290 | TR-SMALL SIGNAL;KSA643-Y,PNP,500mW,TO-92 | |
| Q1P110 | 70795137 | 0504-000116 | TR-DIGITAL;KSR1001,NPN,300MW,4.7K/4.7K,T | |
| Q1P111 | 70693084 | 0504-000142 | TR-DIGITAL;KSR2001,PNP,300MW,4.7K/4.7K,T | |
| Q1P112 | 70795818 | 0501-000290 | TR-SMALL SIGNAL;KSA643-Y,PNP,500mW,TO-92 | |
| Q1P114 | 70693265 | 0501-000616 | TR-SMALL SIGNAL;KSC2328A-Y,NPN,1W,TO-92L | |
| Q1P115 | 70693084 | 0504-000142 | TR-DIGITAL;KSR2001,PNP,300MW,4.7K/4.7K,T | · |
| Q1P116 | 70795136 | 0501-000398 | TR-SMALL SIGNAL;KSC945,NPN,250mW,T0-92,T | |
| Q1P117 | 70795142 | 0501-000442 | TR-SMALL SIGNAL;KTC3203-Y,NPN,400MW,T0-9 | |
| Q302 | 70795134 | 0501-000303 | TR-SMALL SIGNAL; KSA733, PNP, 250mW, TO-92, T | |
| Q303 | 70795136 | 0501-000398 | TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T | |
| 0304 | 70795136 | 0501-000398 | TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T | |
| 0308 | 70795136 | 0501-000398 0501-000398 | TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T | |
| Q309 Q3A01 | 70795136 70795134 | 0501-000398 | TR-SMALL SIGNAL;KSA733,PNP,250mW,TO-92,T | |
| Q3A01 | 70795142 | 0501-000303 | TR-SMALL SIGNAL;KTC3203-Y,NPN,400MW,T0-9 | |
| Q3A04 | 70795142 | 0501-000442 | TR-SMALL SIGNAL;KTC3203-Y,NPN,400MW,T0-9 | |
| Q3A05 | 70795142 | 0501-000442 | TR-SMALL SIGNAL;KTC3203-Y,NPN,400MW,T0-9 | |
| Q3A06 | 70795134 | 0501-000303 | TR-SMALL SIGNAL;KSA733,PNP,250mW,TO-92,T | |
| Q3D01 | 70795142 | 0501-000442 | TR-SMALL SIGNAL;KTC3203-Y,NPN,400MW,T0-9 | |
| Q3D02 | 70693084 | 0504-000142 | TR-DIGITAL;KSR2001,PNP,300MW,4.7K/4.7K,T | |
| Q3D03 | BY530014 | 0504-000119 | TR-DIGITAL;KSR1004,NPN,300MW,47K/47K,TO- | |
| Q3S01 | 70795134 | 0501-000303 | TR-SMALL SIGNAL;KSA733,PNP,250mW,TO-92,T | "EF" Models Only |
| Q3S02 | 70795136 | 0501-000398 | TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T | "EF" Models Only |
| Q3S03 | 70693084 | 0504-000142 | TR-DIGITAL;KSR2001,PNP,300MW,4.7K/4.7K,T | "EF" Models Only |
| Q3S04 | 70795136 | 0501-000398 | TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T | "EF" Models Only |
| Q3S05 | 70795136 | 0501-000398 | TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T | "EF" Models Only |
| Q602 | 70795136 | 0501-000398 | TR-SMALL SIGNAL; KSC945, NPN, 250mW, TO-92, T | V 700EE (040EE /200LU/ /7.40E0 /200E0 C : |
| Q6B01 | 70795136 | 0501-000398 | TR-SMALL SIGNAL; KSC945, NPN, 250mW, TO-92, T | V-730EF/610EF/730UK/740EG/730EG Only |
| Q6B03 | 70795136 | 0501-000398 | TR-SMALL SIGNAL; KSC945, NPN, 250mW, TO-92, T | V-730EF/610EF/730UK/740EG/730EG Only |
| Q6B04 | 70795136 | 0501-000398 | TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T | V-730EF/610EF/730UK/740EG/730EG Only |
| Q6P01 | 70795134 | 0501-000303 | TR-SMALL SIGNAL;KSA733,PNP,250mW,T0-92,T TR-SMALL SIGNAL;KSA733,PNP,250mW,T0-92,T | |
| Q6P02 | 70795134 | 0501-000303 0501-000303 | TR-SMALL SIGNAL; KSA733, PNP, 250mW, T0-92, T | |
| Q6P03 Q701 | 70795134 70693084 | 0504-000142 | TR-DIGITAL;KSR2001,PNP,300MW,4.7K/4.7K,T | |
| 4701 | 70033004 | 0001 000112 | THE BIGHT LE, NOTIZED 17, 111,000 HTV, 1117, 1117, | |
| <diodes< td=""><td></td><td>0404 000404</td><td>DIODE CIMITOUING 18/41/40 100V/200 4 DO 25</td><td></td></diodes<> | | 0404 000404 | DIODE CIMITOUING 18/41/40 100V/200 4 DO 25 | |
| D1P101 | 70795150 70796385 | 0401-000101 0402-000127 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP | |
| D1P103 | | 0402-000127 | DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP | |
| D1P105 D1P108 | 70796385 70796385 | 0402-000127 | DIODE-RECTIFIER; 1N4002,100V,1A,DO-41,TP | |
| D1P108 | 70795150 | 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | |
| D1P110 | 70795150 | 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | |
| D1P111 | 70795150 | 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | |
| D1P113 | 70796385 | 0402-000127 | DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP | |
| D1P114 | 70795150 | 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | |
| D1P115 | 70795150 | 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | |
| D1P117 | 70795150 | 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | |
| D1P119 | 70796385 | 0402-000127 | DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP | |
| D1P120 | 70796385 | 0402-000127 | DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP | |
| D1P125 | 70795150 | 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | |
| D1SD11 | BY430011 | 0402-001195 | DIODE-RECTIFIER;F1T4,400V,1.0A,TS-1,TP | |
| | | | | |

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| Loc.No. | TSB Parts No. | Reference No. | Description, Specification | Remark |
|---------------------------------------------------------------|----------------------|----------------------------|--------------------------------------------------------------------------------------|--------------------------------------|
| D1SD31 | BY430011 | 0402-001195 | DIODE-RECTIFIER;F1T4,400V,1.0A,TS-1,TP | |
| D1SD32 | BY430011 | 0402-001195 | DIODE-RECTIFIER;F1T4,400V,1.0A,TS-1,TP | |
| D1SF05 | BY430012 | 0402-001196 | DIODE-RECTIFIER;1T5,600V,1A,TS-1,TP | |
| D1SF12 D1SS01 | BY430011 BY430012 | 0402-001195 0402-001196 | DIODE-RECTIFIER;F1T4,400V,1.0A,TS-1,TP | |
| D13301 | BY430012 | 0402-001196 | DIODE-RECTIFIER;1T5,600V,1A,TS-1,TP DIODE-RECTIFIER;1T5,600V,1A,TS-1,TP | |
| D1SS03 | BY430012 | 0402-001196 | DIODE-RECTIFIER; 1T5,600V, 1A, TS-1, TP | |
| D1SS04 | BY430012 | 0402-001196 | DIODE-RECTIFIER;115,600V,1A,TS-1,TP | |
| D1SS11 | BY430008 | 0402-000276 | DIODE-RECTIFIER;UF4007,1KV,1A,DO-41,TP | |
| D1SS31 | BY430011 | 0402-001195 | DIODE-RECTIFIER;F1T4,400V,1.0A,TS-1,TP | |
| D1SS32 | BY430010 | 0402-001194 | DIODE-RECTIFIER;UG2D,200V,2A,DO-204AC,TP | |
| D1SS33 | BY430065 | 0404-001069 | DIODE-SCHOTTKY;B10A45VI,45V,10A,TO-220IS | |
| D1SS44 D302 | BY430011 | 0402-001195 | DIODE-RECTIFIER;F1T4,400V,1.0A,TS-1,TP | |
| D302 D3S02 | 70795150 70795150 | 0401-000101 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | "EE" |
| D401 | 70796385 | 0402-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP | "EF" Models Only |
| D4N01 | 70795150 | 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35. | |
| D4N02 | 70795150 | 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | |
| D603 | 70795150 | 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | |
| D604 | 70795150 | 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | |
| D605 | 70796385 | 0402-000127 | DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP | |
| D611 | 70796385 | 0402-000127 | DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP | |
| D620 D701 | 70796385 70795150 | 0402-000127 | DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP | |
| D701 | 70795150 | 0401-000101 0401-000101 | DIODE-SWITCHING:1N4148,100V,200mA,DO-35, | |
| D702 | BY430014 | 0403-001141 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, DIODE-ZENER;MTZJ24D,24V,23.63-24.85V,500 | |
| D703 | 70795150 | 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | |
| D704 | 70795150 | 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,D0-35, | |
| D705 | 70795150 | 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | |
| D706 | 70795150 | 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | |
| D706 | BY430004 | 0403-000509 | DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500 | |
| D707 | 70795150 | 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | |
| D708 | 70795150 | 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | |
| D709 D805 | 70795150 70795150 | 0401-000101 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | |
| LD601 | BY430016 | 0601-000517 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, LED-IR;RECTANGULA,4x6.0mm,75mW,6V,950 | |
| LD6B01 | 70796042 | 0601-000494 | LED-IR;ROUND,5mm,140mW,5V,940nm,- | |
| LD701 | 70796042 | 0601-000494 | LED-IR;ROUND,5mm,140mW,5V,940nm,- | |
| LD702 | 70796042 | 0601-000494 | LED-IR;ROUND,5mm,140mW,5V,940nm,- | |
| LD703 | BY430066 | 0601-001201 | LED;ROUND,RED,3mm,635nm | |
| W167 | 70795150 | 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | |
| W532 | 70795150 | 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | |
| ZD1P01 | BY430015 | 0403-001211 | DIODE-ZENER;MTZJ12B,11.44-12.03V,500MW,D | |
| ZD1P02 ZD1P03 | BY430005 BY430013 | 0403-000717 | DIODE-ZENER;MTZJ5.1B,5.1V,4.94-5.2V,500m | |
| ZD1103 | BY430015 | 0403-000720 0403-001211 | DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500 DIODE-ZENER;MTZJ12B,11.44-12.03V,500MW,D | |
| ZD401 | 70795272 | 0403-000390 | DIODE-ZENER;UZP33B,33V,31.4-34.6V,1W.DO- | |
| | | | 2.022 22.12.1,02.1008,000,01.101.00,1101,50 | |
| <induct< td=""><td></td><td></td><td></td><td></td></induct<> | | | | |
| BD1SD1 | 70795644 | AC27-92001M | INDUCTOR;70UH-M RT BFS3565R2F,-,-,- | |
| BD1SF1 BD1SF3 | 70795644 70795644 | AC27-92001M | INDUCTOR;70UH-M RT BFS3565R2F,-,-,- | |
| BD1SF3 | BY330003 | AC27-92001M 3301-000297 | INDUCTOR;70UH-M RT BFS3565R2F,-,-,- | |
| BD1SS2 | 70795644 | AC27-92001M | CORE-FERRITE BEAD;AA,3.6x1.2x5.7mm,1400, INDUCTOR;70UH-M RT BFS3565R2F, | |
| BD1SS3 | 70795644 | AC27-92001M | INDUCTOR;70UH-M RT BFS3565R2F,-,-,- | |
| FL3A01 | BY330004 | AC27-80100A | COIL-OSC;126QN-K5272YHC=K,-,AM | |
| FL3D01 | BY330055 | AC27-82001C | COIL-BIAS OSC;B02,W(TOKO)VX1850,- | |
| L1SS02 | BY634272 | AC29-00002A | FILTER LINE NOISE;-,30mH,-,-,BLF-2116 | Δ |
| L1SS31 | 70796213 | AC27-12001N | COIL-CHOKE;10UH-15%,RA,K-30,Q80,150KHZ,- | |
| L1SS32 | 70796213 | AC27-12001N | COIL-CHOKE;10UH-15%,RA,K-30,Q80,150KHZ,- | |
| L301 L302 | 70795841 | 2701-000206 2702-000106 | INDUCTOR-AXIAL;56uH,5%,2.4x3.4mm | |
| L302 L304 | 70796003 70796003 | 2702-000106 | INDUCTOR-RADIAL;100uH,10%,6.2x7.4mm INDUCTOR-RADIAL;100uH,10%,6.2x7.4mm | |
| L305 | 70796003 | 2702-000106 | INDUCTOR-RADIAL;100uH,10%,6.2x7.4mm | |
| L306 | 70796361 | 2701-000119 | INDUCTOR-AXIAL;120uH,5%,2.4x3.4mm | |
| L310 | 70796003 | 2702-000106 | INDUCTOR-RADIAL;100uH,10%,6.2x7.4mm | |
| L3A01 | 70795171 | 2702-000120 | INDUCTOR-RADIAL;15mH,5%,6.2x7.4mm | |
| L3A02 | BY330009 | 2701-000002 | INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm | |
| L3A03 | 70796003 | 2702-000106 | INDUCTOR-RADIAL;100uH,10%,6.2x7.4mm | |
| L3D01 | BY330009 | 2701-000002 | INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm | #EE# \$ 1 |
| L3S01 L3S02 | 70796003 70795863 | 2702-000106 2702-000179 | INDUCTOR RADIAL: 6 Sull 59/ 6/6 4mm | "EF" Models Only |
| L3S02 L3S03 | BY330052 | 2702-000179 2701-000165 | INDUCTOR-RADIAL;6.8uH,5%,6x6.4mm INDUCTOR-AXIAL;27uH,5%,2.4x3.4mm | "EF" Models Only "EF" Models Only |
| L3S04 | 70795843 | 2701-000105 | INDUCTOR-AXIAL;27uH,3%;2.4x3.4mm | "EF" Models Only |
| L3S05 | 70795162 | 2701-000160 | INDUCTOR-AXIAL;22uH,5%,2.4x3.4mm | "EF" Models Only |
| L401 | BY330009 | 2701-000002 | INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm | |
| L402 | BY330003 | 3301-000297 | CORE-FERRITE BEAD;AA,3.6x1.2x5.7mm,1400, | |
| L4N01 | 70796075 | 2701-000188 | INDUCTOR-AXIAL;4.7uH,5%,2.4x3.4mm | |
| L4N02 | BY330009 | 2701-000002 | INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm | |
| | | | | |

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| Loc.No. | TSB Parts No. | Reference No. | Description , Specification | Remark |
|----------------------------------------------------------------------|----------------------|----------------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| L4N03 | 70796075 | 2701-000188 | INDUCTOR-AXIAL;4.7uH,5%,2.4x3.4mm | |
| L4N04 | BY330003 | 3301-000297 | CORE-FERRITE BEAD; AA, 3.6x1.2x5.7mm, 1400, | |
| L502 | 70796003 | 2702-000106 | INDUCTOR-RADIAL;100uH,10%,6.2x7.4mm | |
| L503 | 70796003 | 2702-000106 | INDUCTOR-RADIAL;100uH,10%,6.2x7.4mm | |
| L601 L603 | BY330009 | 2701-000002 2701-000002 | INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm | |
| L603 | BY330009 BY330009 | 2701-000002 | INDUCTOR-AXIAL; 1000H, 10%, 4.2x9.8mm | |
| L605 | BY330009 | 2701-000002 | INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm | |
| L6B01 | BY330009 | 2701-000002 | INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm | V-730EF/610EF/730UK/740EG/730EG Only |
| L6B02 | BY330009 | 2701-000002 | INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm | · |
| L6P03 | 70795162 | 2701-000160 | INDUCTOR-AXIAL;22uH,5%,2.4x3.4mm | |
| L6P04 | BY330054 | 2701-000201 | INDUCTOR-AXIAL;5.6uH,5%,2.4x3.4mm | |
| L6P05 | BY330052 | 2701-000165 | INDUCTOR-AXIAL;27uH,5%,2.4x3.4mm | V 720FF /720LIV /740FC /720FC /720W /740W O-I |
| L701 L702 | BY330053 BY330053 | 2701-000181 2701-000181 | INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm | V-730EF/730UK/740EG/730EG/720W/710W Only V-730EF/730UK/740EG/730EG/720W/710W Only |
| L702 | BY330009 | 2701-000101 | INDUCTOR-AXIAL;33d11,3 %,2.4x3.4mm | V-730E177300107740Ed7730Ed7720VV7710VV Olliy |
| L801 | BY330009 | 2701-000002 | INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm | |
| L802 | BY330009 | 2701-000002 | INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm | |
| L803 | BY330053 | 2701-000181 | INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm | |
| L804 | BY330053 | 2701-000181 | INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm | |
| L805 | BY330053 | 2701-000181 | INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm | "UK" Models Not used |
| L806 | BY330053 | 2701-000181 | INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm | "UK" Models Not used |
| L807 | BY330053 | 2701-000181 | INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm | |
| L808 L809 | BY330053 BY330053 | 2701-000181 2701-000181 | INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm | |
| L810 | BY330053 | 2701-000181 | INDUCTOR-AXIAL,33uH,5%,2.4x3.4mm | |
| L811 | BY330053 | 2701-000181 | INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm | |
| L812 | BY330053 | 2701-000181 | INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm | |
| L813 | 70795644 | AC27-92001M | INDUCTOR;70UH-M RT BFS3565R2F,-,-,- | |
| L814 | 70795644 | AC27-92001M | INDUCTOR;70UH-M RT BFS3565R2F,-,-,- | |
| <capac< td=""><td>ITORS></td><td></td><td></td><td></td></capac<> | ITORS> | | | |
| C1P101 | BY130048 | 2401-002095 | C-AL;47uF,20%,25V,GP,TP,6.3x5,5mm | |
| C1P102 | BY130049 | 2401-002144 | C-AL;47uF,20%,16V,GP,TP,5x11,5 | |
| C1P103 | BY130042 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4x7,5 | |
| C1P104 | BY130136 | 2401-002299 | C-AL;4.7uF,20%,50V,GP,TP,5x7,5 | |
| C1P105 | BY130282 | 2401-003107 | C-AL;47uF,20%,16V,GP,TP,5x7,5 | |
| C1P106 | BY130282 | 2401-003107 | C-AL;47uF,20%,16V,GP,TP,5x7,5 | |
| C1P107 C1P108 | BY130282 BY130048 | 2401-003107 2401-002095 | C-AL;47uF,20%,16V,GP,TP,5x7,5 C-AL;47uF,20%,25V,GP,TP,6.3x5,5mm | |
| C1P110 | BY130048 | 2401-002093 | C-AL;1uF,20%,50V,GP,TP,4x7,5 | |
| C1P114 | BY130042 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4x7,5 | |
| C1P115 | BY130042 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4x7,5 | |
| C1P116 | BY130042 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4x7,5 | |
| C1SD03 | BY130219 | 2201-000812 | C-CERAMIC,DISC;2.2nF,20%,400V,Y5U,BK,12. | |
| C1SD04 | BY130219 | 2201-000812 | C-CERAMIC, DISC; 2.2nF, 20%, 400V, Y5U, BK, 12. | |
| C1SD11 | BY130283 | 2401-003302 | C-AL;47uF,20%,400V,GP,TP,18X31.5,7. | |
| C1SD12 | BY130226 | 2305-001029 | C-FILM,MPEF;10nF,10%,630V,TP,12x9x12.5,5 C-CERAMIC,DISC;0.22nF,5%,50V,SL,TP,6.3x3 | |
| C1SD13 C1SF12 | 70795070 BY130296 | 2201-000376 2401-001200 | C-AL;33uF,20%,50V,WT,TP,6.3x11,5 | |
| C1SS01 | BY130272 | 2305-001021 | C-FILM,MPEF;100nF,20%,275V,TP,17.5x7x13. | Δ |
| C1SS02 | BY130272 | 2305-001021 | C-FILM,MPEF;100nF,20%,275V,TP,17.5x7x13. | \triangle |
| C1SS12 | BY130258 | 2201-000129 | C-CERAMIC,DISC;0.1nF,10%,1kV,Y5P,TP,7x4, | |
| C1SS31 | 70795431 | 2401-000385 | C-AL;10uF,20%,100V,GP,TP,6.3x11,5 | |
| C1SS32 | BY130281 | 2401-003046 | C-AL;47uF,20%,50V,WT,TP,6.3x11,2.5 | |
| C1SS33 | BY130251 | 2401-003477 | C-AL;330UF,20%,25V,LZ,TP,10X12.5MM, | |
| C1SS34 | BY130338 BY130339 | 2401-003478 2401-003480 | C-AL;100UF,20%,25V,LZ,TP,8X11.5MM,5 C-AL;1000UF,20%,10V,LZ,TP,10X16MM,5 | |
| C1SS35 C1SS36 | BY130339 BY130015 | 2401-003460 | C-AL;470uF,20%,10V,GP,-,-,TP | |
| C1SS37 | BY130281 | 2401-003046 | C-AL;47uF,20%,50V,WT,TP,6.3x11,2.5 | |
| C1SS38 | BY130015 | 2401-001479 | C-AL;470uF,20%,10V,GP,-,-,TP | |
| C1SS39 | 70796098 | 2301-000129 | C-FILM,PEF;100nF,5%,50V,TP,10X9X4.3X5,5m | |
| C1SS40 | 70796389 | 2301-000381 | C-FILM,PEF;10nF,5%,50V,TP,6.5x5.5x3mm,5m | |
| C301 | 70795769 | 2401-001919 | C-AL;2.2UF,20%,50V,-,TP,4X7MM,5 | |
| C302 | BY130024 | 2301-000283 | C-FILM,PEF;47nF,5%,100V,TP,7.3X7X3.2X5,5 | |
| C303 | BY130042 70795080 | 2401-000598 2202-000216 | C-AL;1uF,20%,50V,GP,TP,4x7,5 C-CERAMIC,MLC-AXIAL;.027NF,5%,50V,SL,TP, | |
| C304 C305 | 70697011 | 2202-000216 | C-CERAMIC,MEC-AXIAL;.18NF,10%,50V,Y5P,TP | |
| C306 | BY130263 | 2202-000104 | C-CERAMIC,MLC-AXIAL;330pF,10%,50V,Y5P,TP | |
| C307 | 70795076 | 2202-000162 | C-CERAMIC,MLC-AXIAL;.015NF,5%,50V,SL,TP, | |
| C308 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C309 | BY130042 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4x7,5 | |
| C310 | BY130273 | 2401-000414 | C-AL;10uF,20%,16V,GP,TP,4x7,5 | |
| C311 | 70699092 | 2401-000918 | C-AL;22uF,20%,16V,GP,-,6.3x7,5 C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP | V-730EF/730UK/740EG/730EG/720W/710W Only |
| C312 C313 | BY130069 BY130262 | 2202-000121 2202-000173 | C-CERAMIC, MLC-AXIAL, 100PF, 10%, 50V, 15F, 1F C-CERAMIC, MLC-AXIAL; 1nF, 10%, 50V, Y5P, TP, 1 | v /30E1//30ON//40E4//30E4//20VV//10VV OHIY |
| C313 | BY130278 | 2401-001775 | C-AL;470nF,20%,50V,GP,TP,4x7,5 | |
| C315 | BY130273 | 2401-000414 | C-AL;10uF,20%,16V,GP,TP,4x7,5 | |
| C316 | BY130167 | 2202-002055 | C-CERAMIC,MLC-AXIAL;47nF,+80-20%,50V,Y5V | |
| | | | | |

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| Loc.No. | TSB Parts No. | Reference No. | Description ; Specification | Remark |
|----------------|----------------------|----------------------------|--------------------------------------------------------------------------------------|------------------------------------------|
| C318 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C320 | BY130042 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4x7,5 | |
| C321 | BY130273 | 2401-000414 | C-AL;10uF,20%,16V,GP,TP,4x7,5 | |
| C322 | BY130042 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4x7,5 | |
| C323 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C324 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C325 C326 | 70795075 BY130027 | 2202-000797 2202-002037 | C-CERAMIC, MLC-AXIAL; 10NF, 30%, 16V, Y5S, TP, | |
| C327 | BY130282 | 2401-003107 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V C-AL;47uF,20%,16V,GP,TP,5x7,5 | |
| C328 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C329 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C330 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C331 | BY130282 | 2401-003107 | C-AL;47uF,20%,16V,GP,TP,5x7,5 | |
| C332 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C333 | BY130042 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4x7,5 | |
| C334 | 70693249 | 2202-000807 | C-CERAMIC,MLC-AXIAL;22nF,+80-20%,25V,Y5V | |
| C335 | BY130042 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4x7,5 | |
| C336 | BY130042 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4x7,5 | |
| C337 | 70693249 | 2202-000807 | C-CERAMIC,MLC-AXIAL,22nF,+80-20%,25V,Y5V | |
| C338 C339 | 70795075 BY130167 | 2202-000797 2202-002055 | C-CERAMIC, MLC-AXIAL; 10NF, 30%, 16V, Y5S, TP, | |
| C340 | 70693249 | 2202-002033 | C-CERAMIC,MLC-AXIAL;47nF,+80-20%,50V,Y5V C-CERAMIC,MLC-AXIAL;22nF,+80-20%,25V,Y5V | |
| C341 | BY130282 | 2401-003107 | C-AL;47uF,20%,16V,GP,TP,5x7,5 | |
| C342 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL:100nF,80-20%,50V,Y5V | |
| C343 | BY130042 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4x7,5 | |
| C345 | BY130260 | 2201-002031 | C-CERAMIC, DISC; 0.005nF, 0.5pF, 50V, NP0, TP, | |
| C346 | BY130282 | 2401-003107 | C-AL;47uF,20%,16V,GP,TP,5x7,5 | |
| C347 | BY130173 | 2202-000286 | C-CERAMIC,MLC-AXIAL;56pF,5%,50V,SL,TP,1. | |
| C348 | BY130173 | 2202-000286 | C-CERAMIC,MLC-AXIAL;56pF,5%,50V,SL,TP,1. | |
| C349 | BY130265 | 2202-000849 | C-CERAMIC,MLC-AXIAL;18pF,5%,50V,CH,TP,3. | |
| C350 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C360 | BY130273 | 2401-000414 | C-AL;10uF,20%,16V,GP,TP,4x7,5 | V-730EF/730UK/740EG/730EG/720W/710W Only |
| C380 C381 | 70795616 70795075 | 2202-000243 2202-000797 | C-CERAMIC,MLC-AXIAL;33pF,5%,50V,SL,TP,3. | |
| C390 | BY130027 | 2202-000737 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C399 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nf,80-20%,50V,Y5V | |
| C3A01 | 70795626 | 2401-003122 | C-AL;4.7uF,20%,50V,LL,TP,4X7,1.5 | |
| C3A02 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C3A04 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C3A07 | 70796389 | 2301-000381 | C-FILM,PEF;10nF,5%,50V,TP,6.5x5.5x3mm,5m | |
| C3A08 | BY130041 | 2301-001014 | C-FILM,PEF;6.8nF,5%,50V,TP,7x3x6,5mm | |
| C3A09 | BY130041 | 2301-001014 | C-FILM,PEF;6.8nF,5%,50V,TP,7x3x6,5mm | |
| C3A10 | BY130085 | 2301-000314 | C-FILM,PEF;8.2nF,5%,50V,TP,6.5x3.0x5.5mm | |
| C3A11 C3A12 | 70693281 | 2301-000392 | C-FILM,PEF;15nF,5%,50V,TP,6.5x8.5x3.2mm, | |
| C3A12 | BY130282 BY130269 | 2401-003107 2301-000161 | C-AL;47uF,20%,16V,GP,TP,5x7,5 C-FILM,PEF;12nF,5%,50V,TP,6.5X5.5X3.0X5, | |
| C3A14 | BY130203 | 2301-001014 | C-FILM,PEF;6.8nF,5%,50V,TP,7x3x6,5mm | |
| C3A15 | 70796389 | 2301-000381 | C-FILM,PEF;10nF,5%,50V,TP,6.5x5.5x3mm,5m | |
| C3A16 | BY130136 | 2401-002299 | C-AL;4.7uF,20%,50V,GP,TP,5x7,5 | |
| C3A17 | 70699092 | 2401-000918 | C-AL;22uF,20%,16V,GP,-,6.3x7,5 | |
| C3A18 | 70795094 | 2301-000402 | C-FILM,PEF;1nF,5%,50V,TP,5x7x2.8mm,5mm | |
| C3A21 | BY130267 | 2301-000008 | C-FILM,PEF;2.2nF,5%,50V,TP,5.5X7X3,5mm | |
| C3A23 | BY130250 | 2401-002068 | C-AL;33uF,20%,16V,GP,TP,5x11,5 | |
| C3A24 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C3A25 | 70699092 | 2401-000918 | C-AL;22uF,20%,16V,GP,-,6.3x7,5 | |
| C3A29 C3A30 | BY130027 BY130049 | 2202-002037 2401-002144 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C3D01 | BY130049 | 2301-002144 | C-AL;47uF,20%,16V,GP,TP,5x11,5 C-FILM,PEF;47nF,5%,100V,TP,7.3X7X3.2X5,5 | |
| C3D01 | BY130024 BY130049 | 2401-002144 | C-AL;47uF,20%,16V,GP,TP,5x11,5 | |
| C3D03 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C3D04 | 70699067 | 2301-000445 | C-FILM,PEF;4.7nF,5%,50V,TP,5.5x7x3mm,5mm | |
| C3D05 | 70796389 | 2301-000381 | C-FILM,PEF;10nF,5%,50V,TP,6.5x5.5x3mm,5m | |
| C3S01 | 70697011 | 2202-000164 | C-CERAMIC,MLC-AXIAL;.18NF,10%,50V,Y5P,TP | "EF" Models Only |
| C3S02 | 70795769 | 2401-001919 | C-AL;2.2UF,20%,50V,-,TP,4X7MM,5 | "EF" Models Only |
| C3S03 | 70796389 | 2301-000381 | C-FILM,PEF;10nF,5%,50V,TP,6.5x5.5x3mm,5m | "EF" Models Only |
| C3S04 | 70796389 | 2301-000381 | C-FILM,PEF;10nF,5%,50V,TP,6.5x5.5x3mm,5m | "EF" Models Only |
| C3S05 C3S06 | BY130027 70795363 | 2202-002037 2202-000791 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V C-CERAMIC,MLC-AXIAL;150pF,10%,50V,Y5P,TP | "EF" Models Only |
| C3S07 | BY130049 | 2401-002144 | C-AL;47uF,20%,16V,GP,TP,5x11,5 | "EF" Models Only "EF" Models Only |
| C3S08 | BY130049 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | "EF" Models Only |
| C3S09 | 70795075 | 2202-002037 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | "EF" Models Only |
| C3S11 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | "EF" Models Only |
| C3S13 | BY130278 | 2401-001775 | C-AL;470nF,20%,50V,GP,TP,4x7,5 | "EF" Models Only |
| C3S14 | BY130262 | 2202-000173 | C-CERAMIC,MLC-AXIAL,1nF,10%,50V,Y5P,TP,1 | "EF" Models Only |
| C3S15 | BY130273 | 2401-000414 | C-AL;10uF,20%,16V,GP,TP,4x7,5 | "EF" Models Only |
| C3S17 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | "EF" Models Only |
| C3S19 C3S20 | 70795070 BY130082 | 2201-000376 2301-000224 | C-CERAMIC,DISC;0.22nF,5%,50V,SL,TP,6.3x3 | "EF" Models Only |
| C3S20 | BY130082 BY130042 | 2401-000224 | C-FILM,PEF;22nF,5%,50V,TP,7.4x3.9x13mm,5 C-AL;1uF,20%,50V,GP,TP,4x7,5 | "EF" Models Only "EF" Models Only |
| 00021 | 51100042 | 2-01 000000 | 5 / 1c, 101,20 /0,00 v,01,11,44/,0 | EF Models Offly |

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| Loc.No. | TSB Parts No. | Reference No. | Description; Specification | Remark |
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| C3S22 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | "EF" Models Only |
| C3S23 | 70693492 | 2201-000941 | C-CERAMIC,DISC;51pF,5%,50V,SL,TP,5x3,5 | "EF" Models Only |
| C3S25 C3S26 | 70693215 | 2202-000787 | C-CERAMIC,MLC-AXIAL;10PF,5%,50V,Y5P,TP,3 | "EF" Models Only |
| C3S27 | 70795729 70693237 | 2201-000681 2202-000825 | C-CERAMIC,DISC;0.082nF,5%,50V,SL,TP,5x3, C-CERAMIC,MLC-AXIAL;680pF,10%,50V,Y5P,TP | "EF" Models Only "EF" Models Only |
| C402 | 70693249 | 2202-000807 | C-CERAMIC,MLC-AXIAL,22nF,+80-20%,25V,Y5V | Er Wodels Only |
| C403 | BY130049 | 2401-002144 | C-AL;47uF,20%,16V,GP,TP,5x11,5 | • |
| C404 | 70795123 | 2401-001085 | C-AL;330NF,20%,50V,GP,-,5X9,2MM | |
| C405 | BY130281 | 2401-003046 | C-AL;47uF,20%,50V,WT,TP,6.3x11,2.5 | |
| C407 | BY130049 | 2401-002144 | C-AL;47uF,20%,16V,GP,TP,5x11,5 | |
| C410 C4N01 | BY130027 70795338 | 2202-002037 2202-000848 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V C-CERAMIC,MLC-AXIAL;1.5NF,30%,50V,Y5S,TP | |
| C4N02 | BY130273 | 2401-000414 | C-AL;10uF,20%,16V,GP,TP,4x7,5 | |
| C4N03 | 70693317 | 2202-000806 | C-CERAMIC,MLC-AXIAL;220pF,10%,50V,Y5P,TP | |
| C4N04 | BY130274 | 2401-000661 | C-AL;2.2uF,20%,50V,GP,TP,5x11,5 | |
| C4N05 | 70795585 | 2301-000383 | C-FILM,PEF;10nF,5%,50V,TP,6x7x3.2mm,5mm | |
| C4N06 C4N07 | 70795585 BY130172 | 2301-000383 2202-000263 | C-FILM,PEF;10nF,5%,50V,TP,6x7x3.2mm,5mm C-CERAMIC,MLC-AXIAL;470pF,10%,50V,Y5P,TP | |
| C4N08 | 70795338 | 2202-000203 | C-CERAMIC,MLC-AXIAL;1.5NF,30%,50V,Y5S,TP | |
| C4N09 | BY130273 | 2401-000414 | C-AL;10uF,20%,16V,GP,TP,4x7,5 | |
| C4N10 | BY130273 | 2401-000414 | C-AL;10uF,20%,16V,GP,TP,4x7,5 | |
| C4N11 | BY130279 | 2401-002062 | C-AL;3.3UF,20%,50V,GP,TP,5X11,2.5 | |
| C4N12 C4N13 | BY130027 BY130027 | 2202-002037 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C4N14 | BY130273 | 2401-000414 | C-AL;10uF,20%,16V,GP,TP,4x7,5 | |
| C4N15 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C4N16 | BY130049 | 2401-002144 | C-AL;47uF,20%,16V,GP,TP,5x11,5 | |
| C4N17 | BY130172 | 2202-000263 | C-CERAMIC,MLC-AXIAL;470pF,10%,50V,Y5P,TP | |
| C4N18 C4N19 | BY130172 70693047 | 2202-000263 2202-000279 | C-CERAMIC,MLC-AXIAL;470pF,10%,50V,Y5P,TP C-CERAMIC,MLC-AXIAL;47pF,5%,50V,SL,TP,3. | |
| C4N19 C4N21 | BY130261 | 2201-002069 | C-CERAMIC,DISC;1.5pF,0.25pF,50V,NPO,TP,4 | |
| C4N22 | BY130261 | 2201-002069 | C-CERAMIC,DISC;1.5pF,0.25pF,50V,NPO,TP,4 | |
| C4N23 | BY130042 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4x7,5 | |
| C4N24 C4N25 | BY130042 BY130027 | 2401-000598 2202-002037 | C-AL;1uF,20%,50V,GP,TP,4x7,5 C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C501 | BY130273 | 2401-000414 | C-AL;10uF,20%,16V,GP,TP,4x7,5 | |
| C502 | BY130042 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4x7,5 | |
| C503 | 70699092 | 2401-000918 | C-AL;22uF,20%,16V,GP,-,6.3x7,5 | |
| C504 C505 | BY130136 70796389 | 2401-002299 | C-AL;4.7uF,20%,50V,GP,TP,5x7,5 | |
| C505 | 70699092 | 2301-000381 2401-000918 | C-FILM,PEF;10nF,5%,50V,TP,6.5x5.5x3mm,5m C-AL;22uF,20%,16V,GP,-,6.3x7,5 | |
| C507 | 70699092 | 2401-000918 | C-AL;22uF,20%,16V,GP,-,6.3x7,5 | |
| C508 | 70699067 | 2301-000445 | C-FILM,PEF;4.7nF,5%,50V,TP,5.5x7x3mm,5mm | |
| C509 | BY130270 | 2301-000423 2401-002144 | C-FILM,PEF;3.3NF,5%,100V,TP,7X10X4.5MM,5 | |
| C510 C511 | BY130049 BY130027 | 2202-002037 | C-AL;47uF,20%,16V,GP,TP,5x11,5 C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C512 | BY130266 | 2202-000863 | C-CERAMIC,MLC-AXIAL;560pF,10%,50V,Y5P,TP | |
| C513 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C514 | BY130042 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4x7,5 | |
| C515 C516 | BY130042 BY130270 | 2401-000598 2301-000423 | C-AL;1uF,20%,50V,GP,TP,4x7,5 C-FILM,PEF;3.3NF,5%,100V,TP,7X10X4.5MM,5 | |
| C517 | 70699067 | 2301-000445 | C-FILM,PEF;4.7nF,5%,50V,TP,5.5x7x3mm,5mm | |
| C518 | 70699092 | 2401-000918 | C-AL;22uF,20%,16V,GP,-,6.3x7,5 | |
| C519 | 70796389 | 2301-000381 | C-FILM,PEF;10nF,5%,50V,TP,6.5x5.5x3mm,5m | |
| C520 C521 | BY130136 70699092 | 2401-002299 2401-000918 | C-AL;4.7uF,20%,50V,GP,TP,5x7,5 C-AL;22uF,20%,16V,GP,-,6.3x7,5 | • |
| C521 | BY130042 | 2401-000518 | C-AL;1uF,20%,50V,GP,TP,4x7,5 | |
| C523 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C524 | BY130136 | 2401-002299 | C-AL;4.7uF,20%,50V,GP,TP,5x7,5 | |
| C525 | BY130136 | 2401-002299 | C-AL;4.7uF,20%,50V,GP,TP,5x7,5 C-AL;100uF,20%,16V,GP,TP.6.3x7,5 | |
| C526 C527 | BY130280 BY130027 | 2401-002165 2202-002037 | C-AL, 1000F,20%, 16V, dF, 1F, B.3x7, 3 C-CERAMIC, MLC-AXIAL; 100nF,80-20%, 50V, Y5V | |
| C529 | BY130047 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5 | |
| C530 | BY130042 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4x7,5 | |
| C531 | BY130136 | 2401-002299 2401-002299 | C-AL;4.7uF,20%,50V,GP,TP,5x7,5 | |
| C532 C601 | BY130136 BY130027 | 2202-002037 | C-AL;4.7uF,20%,50V,GP,TP,5x7,5 C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C602 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C603 | BY130048 | 2401-002095 | C-AL;47uF,20%,25V,GP,TP,6.3x5,5mm | |
| C604 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL:10NF,30%,16V,Y5S,TP, | |
| C605 C607 | 70795075 BY130278 | 2202-000797 2401-001775 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, C-AL;470nF,20%,50V,GP,TP,4x7,5 | |
| C608 | BY130131 | 2401-002259 | C-AL;0.1F,+80-20%,5.5V,-,TP,12.5x11 | "EF" Models Only |
| C608 | 70796210 | 2401-000118 | C-AL;1000uF,20%,10V,GP,TP,10x12.5,5 | |
| C610 C611 | 70795075 70693281 | 2202-000797 2301-000392 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, C-FILM,PEF;15nF,5%,50V,TP,6.5x8.5x3.2mm, | |
| C612 | 70796210 | 2401-000392 | C-AL;1000uF,20%,10V,GP,TP,10x12.5,5 | |
| C614 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C618 | BY130048 | 2401-002095 | C-AL;47uF,20%,25V,GP,TP,6.3x5,5mm | |

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| Loc.No. | TSB Parts No. | Reference No. | Description ; Specification | Remark |
|----------------|----------------------|----------------------------|----------------------------------------------------------------------------------------|-----------------------------------------|
| C619 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C620 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C621 | BY130048 | 2401-002095 | C-AL;47uF,20%,25V,GP,TP,6.3x5,5mm | |
| C622 | 70693497 | 2301-000471 | C-FILM,PEF;68nF,5%,50V,TP,9x12x4.5mm,5mm | |
| C623 | 70693249 | 2202-000807 | C-CERAMIC,MLC-AXIAL;22nF,+80-20%,25V,Y5V | |
| C624 | 70795614 | 2202-000205 | C-CERAMIC,MLC-AXIAL;22pF,5%,50V,SL,TP,1. | |
| C625 | 70795614 | 2202-000205 | C-CERAMIC,MLC-AXIAL;22pf,5%,50V,SL,TP,1. | |
| C626 | 70795614 | 2202-000205 | C-CERAMIC,MLC-AXIAL;22pF,5%,50V,SL,TP,1. | |
| C627 | 70795614 BY130027 | 2202-000205 | C-CERAMIC,MLC-AXIAL;22pF,5%,50V,SL,TP,1. C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C628 C633 | 70795075 | 2202-002037 2202-000797 | C-CERAMIC,MLC-AXIAL, 100HF,80-20%,50V, Y5V C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C634 | 70795075 | 2202-000797 | C-CERAMIC.MLC-AXIAL:10NF.30%.16V.Y5S.TP. | , |
| C635 | BY130072 | 2202-000/3/ | C-CERAMIC,MLC-AXIAL;2.2NF,20%,16V,Y5R,TP | |
| C636 | BY130072 | 2202-000183 | C-CERAMIC,MLC-AXIAL;2.2NF,20%,16V,Y5R,TP | |
| C637 | BY130172 | 2202-000263 | C-CERAMIC,MLC-AXIAL;470pF,10%,50V,Y5P,TP | |
| C638 | 70699092 | 2401-000918 | C-AL;22uF,20%,16V,GP,-,6.3x7,5 | |
| C639 | BY130069 | 2202-000121 | C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP | |
| C640 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C641 | BY130280 | 2401-002165 | C-AL;100uF,20%,16V,GP,TP,6.3x7,5 | |
| C642 | BY130048 | 2401-002095 | C-AL;47uF,20%,25V,GP,TP,6.3x5,5mm | |
| C643 | BY130048 | 2401-002095 | C-AL;47uF,20%,25V,GP,TP,6.3x5,5mm | |
| C645 | BY130049 | 2401-002144 | C-AL;47uF,20%,16V,GP,TP,5x11,5 | |
| C646 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C691 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C692 | 70693497 | 2301-000471 | C-FILM,PEF;68nF,5%,50V,TP,9x12x4.5mm,5mm | N 700FF (040FF (700HW (740F0 (700F0 0 H |
| C6B02 | BY130262 | 2202-000173 | C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP,1 | V-730EF/610EF/730UK/740EG/730EG Only |
| C6B03 | BY130282 | 2401-003107 | C-AL;47uF,20%,16V,GP,TP,5x7,5 | V-730EF/610EF/730UK/740EG/730EG Only |
| C6B04 C6B05 | BY130027 70795075 | 2202-002037 2202-000797 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | V-730EF/610EF/730UK/740EG/730EG Only |
| C6B03 | BY130262 | 2202-000/37 | C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP,1 | |
| C6B08 | BY130262 | 2202-000173 | C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP,1 | |
| C6B09 | BY130280 | 2401-002165 | C-AL;100uF,20%,16V,GP,TP,6.3x7,5 | |
| C6P01 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C6P02 | BY130049 | 2401-002144 | C-AL;47uF,20%,16V,GP,TP,5x11,5 | |
| C6P03 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C6P04 | 70795080 | 2202-000216 | C-CERAMIC,MLC-AXIAL; .027NF,5%,50V,SL,TP, | |
| C6P05 | 70795080 | 2202-000216 | C-CERAMIC,MLC-AXIAL; .027NF,5%,50V,SL,TP, | |
| C6P06 | BY130271 | 2301-000458 | C-FILM,PEF;56nF,5%,50V,TP,8x12x4.5mm,5mm | "EF/UK/EG" Models Only |
| C6P07 | BY130136 | 2401-002299 | C-AL;4.7uF,20%,50V,GP,TP,5x7,5 | "EF/UK/EG" Models Only |
| C6P08 | BY130173 | 2202-000286 | C-CERAMIC,MLC-AXIAL;56pF,5%,50V,SL,TP,1. | |
| C6P09 | BY130170 | 2202-000145 | C-CERAMIC,MLC-AXIAL;.12NF,10%,50V,Y5P,TP | V-510EF/720W/710W Only |
| C6P10 | BY130042 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4x7,5 | |
| C6P11 | BY130042 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4x7,5 | |
| C6P12 | BY130049 | 2401-002144 | C-AL;47uF,20%,16V,GP,TP,5x11,5 | |
| C6P13 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V C-CERAMIC,MLC-AXIAL;47pF,5%,50V,SL,TP,3. | |
| C6P14 C6P20 | 70693047 70693047 | 2202-000279 2202-000279 | C-CERAMIC,MLC-AXIAL,47pF,5%,50V,SL,TF,3. | |
| C6P20 | 70795082 | 2202-000279 | C-CERAMIC,MLC-AXIAL,47pF,5%,50V,SL,TF,3. | V-510EF/720W/710W Only |
| C701 | BY130280 | 2401-002165 | C-AL;100uF,20%,16V,GP,TP,6.3x7,5 | V-310E1//20VV//10VV OIIIY |
| C702 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C703 | BY130262 | 2202-000173 | C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP,1 | |
| C706 | 70795075 | 2202-000797 | C-CERAMIC, MLC-AXIAL; 10NF, 30%, 16V, Y5S, TP, | |
| C707 | 70795626 | 2401-003122 | C-AL;4.7uF,20%,50V,LL,TP,4X7,1.5 | |
| C708 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C711 | 70795362 | 2202-000789 | C-CERAMIC,MLC-AXIAL;12PF,5%,50V,SL,TP,3. | |
| C712 | 70795362 | 2202-000789 | C-CERAMIC,MLC-AXIAL;12PF,5%,50V,SL,TP,3. | |
| C801 | BY130047 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5 | |
| C802 | BY130047 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5 | |
| C803 | BY130047 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5 | |
| C804 | BY130047 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5 | |
| C805 | BY130047 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5 | |
| C806 C807 | BY130047 | 2401-002075 2401-000414 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5 C-AL;10uF,20%,16V,GP,TP,4x7,5 | |
| | BY130273 BY130273 | 2401-000414 | C-AL;10uF,20%,16V,GP,TP,4x7,5 | |
| C808 C809 | 70795769 | 2401-000414 | C-AL;2.2UF,20%,50V,-,TP,4X7MM,5 | |
| C810 | BY130047 | 2401-001919 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5 | "UK" Models Not used |
| C811 | BY130263 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330pF,10%,50V,Y5P,TP | "UK" Models Not used |
| C812 | BY130047 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5 | "UK" Models Not used |
| C813 | BY130047 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5 | |
| C814 | BY130047 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5 | |
| C815 | BY130047 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5 | |
| C816 | BY130273 | 2401-000414 | C-AL;10uF,20%,16V,GP,TP,4x7,5 | "EF" Models Only |
| C816 | BY130273 | 2401-000414 | C-AL;10uF,20%,16V,GP,TP,4x7,5 | |
| C817 | BY130049 | 2401-002144 | C-AL;47uF,20%,16V,GP,TP,5x11,5 | |
| C818 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C819 | BY130280 | 2401-002165 | C-AL;100uF,20%,16V,GP,TP,6.3x7,5 | |
| C820 C821 | BY130027 BY130015 | 2202-002037 2401-001479 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V C-AL;470uF,20%,10V,GP,-,-,TP | |
| C821 | BY130069 | 2202-00121 | C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP | |
| 0022 | 51100000 | 2202 000121 | 5 52 ((*)10,11126 / ((() 12,100p1,1070,004,101,11 | |

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|----------------------------------------------------------------------|----------------------|----------------------------|-------------------------------------------------------------------------------------------|----------------------------------------|
| C823 | BY130069 | 2202-000121 | C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP | ###################################### |
| C826 C827 | BY130069 BY130069 | 2202-000121 2202-000121 | C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP | "UK" Models Not used |
| C828 | 70693047 | 2202-000121 | C-CERAMIC,MEC-AXIAL, 100pr, 10 %,300, 13F, 1F C-CERAMIC,MLC-AXIAL;47pF,5%,50V,SL,TP,3. | |
| C829 | 70693047 | 2202-000279 | C-CERAMIC,MLC-AXIAL;47pF,5%,50V,SL,TP,3. | |
| C830 | BY130136 | 2401-002299 | C-AL;4.7uF,20%,50V,GP,TP,5x7,5 | |
| C831 | BY130263 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330pF,10%,50V,Y5P,TP | |
| C832 C833 | BY130136 BY130263 | 2401-002299 2202-000231 | C-AL;4.7uF,20%,50V,GP,TP,5x7,5 C-CERAMIC,MLC-AXIAL;330pF,10%,50V,Y5P,TP | |
| C834 | BY130263 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330pF,10%,50V,Y5P,TP | "UK" Models Not used |
| C837 | BY130262 | 2202-000173 | C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP,1 | OK Widdeld Wor dded |
| C838 | BY130262 | 2202-000173 | C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP,1 | |
| C840 | BY130015 | 2401-001479 | C-AL;470uF,20%,10V,GP,-,-,TP | "UK" Models Not used |
| <resist< td=""><td>ORS></td><td></td><td></td><td></td></resist<> | ORS> | | | |
| R1P103 | 70795019 | 2001-000515 | R-CARBON;2200HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R1P105 | 70795007 | 2001-000273 | R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R1P106 R1P107 | 70795036 70795020 | 2001-000613 2001-000449 | R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2M R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R1P108 | 70795020 | 2001-000449 | R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R1P109 | 70796067 | 2001-000362 | R-CARBON;1500HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R1P110 | 70796067 | 2001-000362 | R-CARBON;1500HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R1P111 | 70795003 | 2001-000302 | R-CARBON;100HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R1P112 R1P115 | 70795025 70795005 | 2001-000554 2001-000429 | R-CARBON;2700HM,5%,1/8W,AA,TP,1.8X3.2MM R-CARBON;1K0HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R1P116 | 70795029 | 2001-000423 | R-CARBON;30KOHM,5%,1/8W,AA,17,1.8X3.2MM | |
| R1P117 | 70796067 | 2001-000362 | R-CARBON;1500HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R1P119 | 70795020 | 2001-000449 | R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R1P121 | 70795006 | 2001-000290 2001-000449 | R-CARBON; 10KOHM, 5%, 1/8W, AA, TP, 1.8X3.2MM | |
| R1P122 R1P123 | 70795020 70795007 | 2001-000449 | R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R1P125 | 70795020 | 2001-000449 | R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R1P127 | 70795040 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R1P128 | 70795013 | 2001-000241 | R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R1P129 R1P130 | BY230106 BY230019 | 2001-000938 2001-000221 | R-CARBON;680HM,5%,1/8W,AA,TP,1.8X3.2MM R-CARBON;1.2K0HM,5%,1/8W,AA,TP,1.8X3.2M | |
| R1SD12 | 70796067 | 2001-000362 | R-CARBON;1500HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R1SD13 | 70795318 | 2001-000319 | R-CARBON;120KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R1SD14 | 70795318 | 2001-000319 | R-CARBON;120KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R1SD15 | 70795318 | 2001-000319 | R-CARBON;120KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R1SD16 R1SD31 | 70796274 70795039 | 2003-000273 2001-000780 | R-METAL OXIDE;33Kohm,5%,2W,AA,TP,6x16mm R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R1SD32 | 70795005 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R1SF11 | 70795318 | 2001-000319 | R-CARBON;120KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R1SF15 | 70795031 | 2001-000591 | R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R1SF19 R1SF20 | 70795005 BY230147 | 2001-000429 2003-000105 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM R-METAL OXIDE;0.33ohm,5%,2W,AD,TP,6x16mm | |
| R1SF21 | BY230036 | 2001-000096 | R-CARBON(S);1MOHM,5%,1/2W,AA,TP,2.4X6.4M | |
| R1SS10 | BY230170 | 2006-000262 | R-CEMENT;2.7ohm,10%,2W,CB,TP,7.5x11x20. | |
| R1SS11 | 70796274 | 2003-000273 | R-METAL OXIDE;33Kohm,5%,2W,AA,TP,6x16mm | |
| R1SS13 R1SS31 | BY230003 70795009 | 2003-000148 2001-000440 | R-METAL OXIDE;1000HM,5%,2W,AE,TP,6X16MM R-CARBON;10HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R1SS32 | 70795009 | 2001-000440 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R1SS33 | 70795640 | 2004-000869 | R-METAL;3Kohm,1%,1/8W,AA,TP,1.8x3.2mm | |
| R1SS34 | 70795638 | 2004-000459 | R-METAL;2.2Kohm,1%,1/8W,AA,TP,1.8x3.2m | |
| R301 R302 | 70795020 70795005 | 2001-000449 2001-000429 | R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R302 | 70795005 | 2001-000429 | R-CARBON; 1.8KOHM, 5%, 1/8W, AA, TP, 1.8X3.2MM | "EF" Models Only |
| R304 | 70795058 | 2001-000977 | R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R305 | 70795357 | 2001-000258 | R-CARBON;1.8KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R306 R308 | 70795012 70795005 | 2001-000232 2001-000429 | R-CARBON;1.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R309 | BY230037 | 2001-000429 | R-CARBON;4.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R311 | 70795005 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R312 | 70795013 | 2001-000241 | R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R313 | 70795019 | 2001-000515 | R-CARBON;2200HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R314 R315 | 70795050 70699144 | 2001-000924 2001-000472 | R-CARBON;6800HM,5%,1/8W,AA,TP,1.8X3.2MM R-CARBON;2.7K0HM,5%,1/8W,AA,TP,1.8X3.2M | |
| R316 | BY230019 | 2001-000221 | R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R317 | 70795030 | 2001-000003 | R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| R318 | 70795030 | 2001-000003 | R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| R320 R321 | 70795006 BY230096 | 2001-000290 2001-000009 | R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM R-CARBON;20KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R322 | 70795319 | 2001-000539 | R-CARBON;24KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R325 | 70699144 | 2001-000472 | R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R326 | 70795043 | 2001-000832 | R-CARBON;5100HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R327 R328 | 70795043 70795040 | 2001-000832 2001-000734 | R-CARBON;5100HM,5%,1/8W,AA,TP,1.8X3.2MM R-CARBON;4.7K0HM,5%,1/8W,AA,TP,1.8X3.2M | |
| R329 | 70699144 | 2001-000472 | R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
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| Loc.No. | TSB Parts No. | Reference No. | Description; Specification | Remark |
|----------------|----------------------|----------------------------|-------------------------------------------------------------------------------------|----------------------------------------------|
| R330 | 70795040 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R331 | 70795019 | 2001-000515 | R-CARBON;2200HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R332 R333 | 70795004 70795004 | 2001-000281 2001-000281 | R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R334 | 70795004 | 2001-000281 | R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R335 | 70795044 | 2001-000800 | R-CARBON;5.1KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R336 | 70795014 | 2001-000008 | R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R341 | 70795059 | 2001-001000 | R-CARBON;82KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R342 | 70795046 | 2001-000802 | R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m | |
| R344 | 70795054 | 2001-000969 | R-CARBON;750HM,5%,1/8W,AA,TP,1.8X3.2MM | V-730EF/730UK/740EG/730EG/720W/710W Only |
| R347 R348 | 70795049 | 2001-000904 | R-CARBON;6200HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R3A01 | 70795609 70795011 | 2001-000605 2001-000331 | R-CARBON;3.6KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R3A04 | 70795012 | 2001-000331 | R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM R-CARBON;1.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R3A05 | 70795032 | 2001-000660 | R-CARBON;33KOHM,5%,1/8W.AA,TP,1.8X3.2MM | |
| R3A06 | 70795607 | 2001-000405 | R-CARBON;1800HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R3A07 | 70795033 | 2001-000645 | R-CARBON;330KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R3A08 | 70795011 | 2001-000331 | R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R3A09 | 70795046 | 2001-000802 | R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m | |
| R3A10 R3A11 | 70795005 70795357 | 2001-000429 2001-000258 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R3A12 | 70796025 | 2001-000258 | R-CARBON;1.8KOHM,5%,1/8W,AA,TP,1.8X3.2M R-CARBON;2.2OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R3A13 | 70795039 | 2001-000780 | R-CARBON;4700HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R3A14 | 70795021 | 2001-000522 | R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R3A16 | 70795006 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R3A17 | 70795036 | 2001-000613 | R-CARBON, 3.9KOHM, 5%, 1/8W, AA, TP, 1.8X3.2M | |
| R3A18 | 70795036 | 2001-000613 | R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R3A19 | 70795607 | 2001-000405 | R-CARBON;1800HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R3A21 R3A22 | 70795049 | 2001-000904 | R-CARBON;6200HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R3A23 | BY230037 70795058 | 2001-000723 2001-000977 | R-CARBON;4.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R3A24 | 70795021 | 2001-000577 | R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R3A25 | BY230019 | 2001-000221 | R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R3A26 | 70795011 | 2001-000331 | R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R3A28 | 70795013 | 2001-000241 | R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R3A30 | 70795354 | 2001-000773 | R-CARBON;470K0HM,5%,1/8W,AA,TP,1.8X3.2M | |
| R3A37 | 70795055 | 2001-000947 | R-CARBON;7.5KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R3D01 R3D02 | 70796129 | 2001-000793 | R-CARBON;470HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R3D02 | 70795021 70795042 | 2001-000522 2001-000745 | R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM R-CARBON;4.7OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R3S01 | 70795319 | 2001-000539 | R-CARBON;24KOHM,5%,1/8W,AA,TP,1.8X3.2MM | "EF" Models Only |
| R3S02 | 70795058 | 2001-000977 | R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2M | "EF" Models Only |
| R3S03 | 70795663 | 2001-001015 | R-CARBON;9.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | "EF" Models Only |
| R3S04 | 70795319 | 2001-000539 | R-CARBON;24KOHM,5%,1/8W,AA,TP,1.8X3.2MM | "EF" Models Only |
| R3S05 | 70795041 | 2001-000786 | R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM | "EF" Models Only |
| R3S11 R3S12 | 70795045 | 2001-000837 | R-CARBON;51KOHM,5%,1/8W,AA,TP,1.8X3.2MM | "EF" Models Only |
| R3S13 | 70795040 70795029 | 2001-000734 2001-000633 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M R-CARBON;30KOHM,5%,1/8W,AA,TP,1.8X3.2MM | "EF" Models Only |
| R3S14 | 70795051 | 2001-000890 | R-CARBON;6.8KOHM,5%,1/8W,AA,TP,1.8X3.2M | "EF" Models Only "EF" Models Only |
| R3S15 | 70795055 | 2001-000947 | R-CARBON;7.5KOHM,5%,1/8W,AA,TP,1.8X3.2M | "EF" Models Only |
| R3S16 | 70699144 | 2001-000472 | R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M | "EF" Models Only |
| R3S17 | 70795021 | 2001-000522 | R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM | "EF" Models Only |
| R3S20 | 70795004 | 2001-000281 | R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM | "EF" Models Only |
| R3S21 | 70795034 | 2001-000674 | R-CARBON;3600HM,5%,1/8W,AA,TP,1.8X3.2MM | "EF" Models Only |
| R3S22 R3S23 | 70795005 70795319 | 2001-000429 2001-000539 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | "EF" Models Only |
| R3S24 | 70795015 | 2001-000356 | R-CARBON;24KOHM,5%,1/8W,AA,TP,1.8X3.2MM R-CARBON;150KOHM,5%,1/8W,AA,TP,1.8X3.2M | "EF" Models Only "EF" Models Only |
| R3S25 | 70795357 | 2001-000258 | R-CARBON;1.8KOHM,5%,1/8W,AA,TP,1.8X3.2M | "EF" Models Only |
| R3S27 | 70795318 | 2001-000319 | R-CARBON;120K0HM,5%,1/8W,AA,TP,1.8X3.2M | "Ef" Models Only |
| R401 | 70795041 | 2001-000786 | R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM | , |
| R402 | 70795004 | 2001-000281 | R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R403 | 70795004 | 2001-000281 | R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R404 R406 | 70795004 70795026 | 2001-000281 2001-000563 | R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM R-CARBON;27K0HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R407 | 70795058 | 2001-000303 | R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R408 | BY230019 | 2001-000221 | R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3,2M | |
| R4N01 | 70795005 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R4N02 | 70795004 | 2001-000281 | R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R4N03 | 70795004 | 2001-000281 | R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R4N04 | 70795026 | 2001-000563 | R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R4N05 R4N06 | 70795004 70795004 | 2001-000281 2001-000281 | R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R501 | 70795038 | 2001-000281 | R-CARBON;43KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R502 | 70795663 | 2001-001015 | R-CARBON;9.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R503 | 70795039 | 2001-000780 | R-CARBON;4700HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R504 | 70699144 | 2001-000472 | R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R505 | 70795038 | 2001-000766 | R-CARBON;43KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R506 R507 | 70795663 70795038 | 2001-001015 2001-000766 | R-CARBON;9.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 720EE /720HW /740EC /720EC /720M//740M/ O-1- |
| 11307 | 70733038 | 2001-000/00 | R-CARBON;43KOHM,5%,1/8W,AA,TP, | 730EF/730UK/740EG/730EG/720W/710W Only |

7-10 Toshiba

| Prof. Prof | Loc.No. | TSB Parts No. | Reference No. | Description ; Specification | Remark |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------|---------------|-----------------------------------------|--------------------------------------------|
| 1510 7795038 2001-000768 H-CARBON_SEQUENCES, DESCRIPTION TOTAL PROPERTY TOTAL P | | | | | V-730EF/730UK/740EG/730EG/720W/710W Only |
| B511 | | | | | |
| RE11 | | | | | |
| RE516 | | | | | |
| Refs | | | | | |
| R518 | | | | | |
| R510 | R517 | 70795447 | 2001-000878 | R-CARBON;6.2KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| RECO | | | | | |
| REC21 70736447 2001 -000078 | | | | | |
| R623 | | | | | V-/3UEF//3UUK//4UEG//3UEG//2UVV//1UVV UNIV |
| REC24 7029-8024 2001 0005-08 R-CARBION 2000 CHM 59s , 179W AA TE 1832 2M REC25 7079-8596 2001 -00057 R-CARBION 2000 CHM 59s , 179W AA TE 1832 2M REC26 7079-8596 2001 -00057 R-CARBION 2000 CHM 59s , 179W AA TE 1832 2M REC27 7079-8596 2001 -00052 R-CARBION 2000 CHM 59s , 179W AA TE 1832 2M REC27 7079-8596 2001 -00052 R-CARBION 1000 CHM 59s , 179W AA TE 832 2M REC27 7079-8596 2001 -00052 R-CARBION 1000 CHM 59s , 179W AA TE 832 2M REC27 7079-8596 2001 -00052 R-CARBION 1000 CHM 59s , 179W AA TE 832 2M REC27 7079-8596 2001 -00052 R-CARBION 1000 CHM 59s , 179W AA TE 832 2M REC27 7079-8596 2001 -00052 R-CARBION 1000 CHM 59s , 179W AA TE 832 2M REC27 7079-8596 2001 -00052 R-CARBION 1000 CHM 59s , 179W AA TE 832 2M REC27 7079-8596 2001 -00052 R-CARBION 1000 CHM 59s , 179W AA TE 832 2M REC27 7079-8596 2001 -00052 R-CARBION 1000 CHM 59s , 179W AA TE 832 2M REC27 7079-8596 2001 -00052 R-CARBION 1000 CHM 59s , 179W AA TE 832 2M REC27 7079-8596 2001 -00052 R-CARBION 1000 CHM 59s , 179W AA TE 832 2M REC27 7079-8596 2001 -00052 R-CARBION 1000 CHM 59s , 179W AA TE 832 2M REC27 7079-8596 2001 -00052 R-CARBION 1000 CHM 59s , 179W AA TE 832 2M REC27 7079-8596 2001 -00052 R-CARBION 1000 CHM 59s , 179W AA TE 832 2M REC27 7079-8596 2001 -00052 R-CARBION 1000 CHM 59s , 179W AA TE 832 2M REC27 7079-8596 2001 -00052 R-CARBION 1000 CHM 59s , 179W AA TE 832 2M REC27 7079-8596 2001 -00052 R-CARBION 1000 CHM 59s , 179W AA TE 832 2M REC27 7079-8596 2001 -00052 R-CARBION 1000 CHM 59s , 179W AA TE 832 2M REC27 7079-8596 2001 -00052 R-CARBION 1000 CHM 59s , 179W AA TE 832 2M REC27 7079-8596 2001 -00052 R-CARBION 1000 CHM 59s , 179W AA TE 832 2M REC27 7079-8596 2001 -00052 R-CARBION 1000 CHM 59s , 179W AA TE 832 2M REC27 7079-8596 2001 -00052 R-CARBION 1000 | | | | | |
| R525 7079508 2011-00076 | | | | | |
| BS50 70759038 2001 -000766 R-CARBON ASCHM, 59, 1/8W-AA, TF1 JK32 ZMM BS70 70759004 2001 000291 R-CARBON, 3000 LM, 59, 1/8W-AA, TF1 JK32 ZMM B671 70759004 2001 000291 R-CARBON, 1000 LM, 59, 1/8W-AA, TF1 JK32 ZMM FEF* Models Only B601 70759004 2001 000291 R-CARBON, 1000 LM, 59, 1/8W-AA, TF1 JK32 ZMM FEF* Models Only B602 70759006 2001 000292 R-CARBON, 1000 LM, 59, 1/8W-AA, TF1 JK32 ZMM FEF* Models Only B603 70759006 2001 000429 R-CARBON, 1000 LM, 59, 1/8W-AA, TF1 JK32 ZMM FUK-G/W* Models Only B604 70759007 2001 000429 R-CARBON, 1000 LM, 59, 1/8W-AA, TF1 JK32 ZMM FUK-G/W* Models Only B608 70759047 2001 000429 R-CARBON, 1000 LM, 59, 1/8W-AA, TF1 JK32 ZMM FUK-G/W* Models Only B613 70759047 2001 000429 R-CARBON, 1000 LM, 59, 1/8W-AA, TF1 JK32 ZMM FUK-G/W* Models Only B614 70759047 2001 000429 R-CARBON, 1000 LM, 59, 1/8W-AA, TF1 JK32 ZMM FUK-G/W* Models Only B614 70759038 2001 000429 R-CARBON, 1000 LM, 59, 1/8W-AA, TF1 JK32 ZMM FUK-G/W* MODEL | R524 | 70699144 | | | |
| B540 70759508 Z001 - 000766 R. CARBION, 1000 IM, 35, 178W-XA, TF1, 1832 2MM RF71 70759004 Z001 - 000281 R. CARBON, 1000 IM, 35, 178W-XA, TF1, 1832 2MM FF1 Models Only R621 70759004 2001 - 000281 R. CARBON, 1000 IM, 35, 178W-XA, TF1, 1832 2MM FF1 Models Only R622 7075004 2001 - 000289 R. CARBON, 1000 IM, 35, 178W-XA, TF1, 1832 2MM FF1 Models Only R623 7075006 2001 - 000289 R. CARBON, 1000 IM, 35, 178W-XA, TF1, 1832 2MM *UK/EG/W* Models Only R666 7075006 2001 - 000289 R. CARBON, 1000 IM, 35, 178W-XA, TF1, 1832 2MM *UK/EG/W* Models Only R668 7075007 2001 - 000289 R. CARBON, 1000 IM, 35, 178W-XA, TF1, 1832 2MM *UK/EG/W* Models Only R612 7075007 2001 - 000289 R. CARBON, 1000 IM, 35, 178W-XA, TF1, 1832 2MM *UK/EG/W* Models Only R612 7075007 2001 - 000289 R. CARBON, 1000 IM, 35, 178W-XA, TF1, 1832 2MM *UK/EG/W* Models Only R613 7075007 2001 - 000289 R. CARBON, 1000 IM, 35, 178W-XA, TF1, 1832 2MM *UK/EG/W* Models Only R624 7075007 2001 - 000290 R. CARBON, 1000 I | | | | | A |
| HS70 | | | | | |
| R571 70795004 2001-000281 R.CARBON.1000HM.5%-1,78W.AA.TE.1.8X3.ZMM "EF" Models Only 19003 70795004 2001-000281 R.CARBON.1000HM.5%-1,78W.AA.TE.1.8X3.ZMM "EF" Models Only 19003 70795006 2001-000291 R.CARBON.1000HM.5%-1,78W.AA.TE.1.8X3.ZMM "UKTG/W" Models Only 19003 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795007 70795 | | | | | |
| R602 70795004 2001-000281 R-CARBON 1000HM,9% 1,78WAA, TP.1 8X3 ZMM "EF" Models Only | | | | | |
| REGIS 70795006 Z001-000229 H-CARBON INKOHM,5%,178WAA, 719.18X3 ZMM TUK/EG/W* Models Only R606 70795005 2001-000429 H-CARBON INKOHM,5%,178WAA, 719.18X3 ZMM TUK/EG/W* Models Only R608 70795047 2001-000429 H-CARBON INKOHM,5%,178WAA, 719.18X3 ZMM TUK R613 70795047 2001-000429 H-CARBON INKOHM,5%,178WAA, 719.18X3 ZMM TUK R613 70795049 2001-000429 H-CARBON INKOHM,5%,178WAA, 719.18X3 ZMM TUK R613 70795039 2001-000789 H-CARBON INKOHM,5%,178WAA, 719.18X3 ZMM TUK R642 70795039 2001-000789 H-CARBON,770DHM,5%,178WAA,719.18X3 ZMM TUK R651 70795042 2001-000669 R-CARBON,270HM,5%,178WAA,719.18X3 ZMM TUK R652 70795042 2001-000669 R-CARBON,270HM,5%,178WAA,719.18X3 ZMM TUK R653 70795041 2001-000786 R-CARBON,370HM,5%,178WAA,719.18X3 ZMM TUK R656 70795041 2001-000786 R-CARBON,370HM,5%,178WAA,719.18X3 ZMM TUK R661 70795042 2001-000786 R-CA | | | | | |
| F806 | | | | | |
| FIGOS 70795057 2001-000429 | | | | | 1 "UK/EG/W" Models Only |
| Fib08 | | | | | |
| HB09 | | | | | 1 |
| R613 70795005 2001-000780 R-CARBON, 3 KOHM, 35%, 1/8W, AA, 1P.1, 8X3, 2MM R642 70795039 2001-000780 R-CARBON, 470OHM, 35%, 1/8W, AA, 1P.1, 8X3, 2MM R642 70795035 2001-000429 R-CARBON, 170OHM, 35%, 1/8W, AA, 1P.1, 8X3, 2MM R651 70795024 2001-000101 R-CARBON, 170OHM, 35%, 1/8W, AA, 1P.1, 8X3, 2MM R652 70795024 2001-000101 R-CARBON, 270HM, 35%, 1/8W, AA, 1P.1, 8X3, 2MM R653 70795041 2001-0001681 R-CARBON, 270HM, 35%, 1/8W, AA, 1P.1, 8X3, 2MM R654 70795041 2001-10001761 R-CARBON, 270HM, 35%, 1/8W, AA, 1P.1, 8X3, 2MM R655 70735041 2001-10001761 R-CARBON, 270HM, 35%, 1/8W, AA, 1P.1, 8X3, 2MM R656 70735041 2001-10001861 R-CARBON, 270HM, 35%, 1/8W, AA, 1P.1, 8X3, 2MM R661 70785042 2001-10001861 R-CARBON, 270HM, 35%, 1/8W, AA, 1P.1, 8X3, 2MM R661 70785040 2001-1000280 R-CARBON, 1/8CHM, 35%, 1/8W, AA, 1P.1, 8X3, 2MM R668 70795040 2001-1000280 R-CARBON, 1/8CHM, 35%, 1/8W, AA, 1P.1, 8X3, 2MM R671 70795040 2001-1000290 R-CARBON | | | | | |
| R642 70795039 2001-0007429 R-CARBON, 4700HM, 5%, 1,78W, AA, TP1, 8X3, 2MM R650 70795052 2001-000429 R-CARBON, 16WHM, 5%, 1,78W, AA, TP1, 8X3, 2MM R651 70795052 2001-000010 R-CARBON, 270HM, 5%, 1,78W, AA, TP1, 8X3, 2MM R652 70795042 2001-000068 R-CARBON, 270HM, 5%, 1,78W, AA, TP1, 8X3, 2MM R654 70795041 2001-0000802 R-CARBON, 270HM, 5%, 1,78W, AA, TP1, 8X3, 2MM R655 70795052 2001-0000241 R-CARBON, 47KOHM, 5%, 1,78W, AA, TP1, 8X3, 2MM R666 70795052 2001-000014 R-CARBON, 47KOHM, 5%, 1,78W, AA, TP1, 8X3, 2MM R666 70795062 2001-0000290 R-CARBON, 47KOHM, 5%, 1,78W, AA, TP1, 8X3, 2MM R666 70795063 2001-000290 R-CARBON, 38KOHM, 5%, 1,78W, AA, TP1, 8X3, 2MM R666 70795060 2001-000290 R-CARBON, 10KOHM, 5%, 1,78W, AA, TP1, 8X3, 2MM R668 70795060 2001-000780 R-CARBON, 20KOHM, 5%, 1,78W, AA, TP1, 8X3, 2MM R668 70795060 2001-000734 R-CARBON, 20KOHM, 5%, 1,78W, AA, TP1, 8X3, 2MM R672 70795061 2001-000734 R-CARBON, 20KOHM, 5%, 1,78 | | | 2001-000429 | | |
| R644 70 /95050 2011 - 0000259 R-CARBON, I KOHM, 5%, 178W, AA, TP1. 8X3.2 MM R651 70 /95052 2011 - 0000259 R-CARBON, 66KOHM, 5%, 178W, AA, TP1. 8X3.2 MM R652 70 /95054 2011 - 000668 R-CARBON, 66KOHM, 5%, 178W, AA, TP1. 8X3.2 MM R654 70 /95064 2001 - 000668 R-CARBON, 56KOHM, 5%, 178W, AA, TP1. 8X3.2 MM R655 70 /95061 2001 - 000766 R-CARBON, 56KOHM, 5%, 178W, AA, TP1. 8X3.2 MM R656 70 /95051 2001 - 000076 R-CARBON, 15 KOHM, 5%, 178W, AA, TP1. 8X3.2 MM R661 70 /95052 2001 - 000786 R-CARBON, 15 KOHM, 5%, 178W, AA, TP1. 8X3.2 MM R666 70 /95052 2001 - 000786 R-CARBON, 18 KOHM, 5%, 178W, AA, TP1. 8X3.2 MM R666 70 /95032 2001 - 000786 R-CARBON, 18 KOHM, 5%, 178W, AA, TP1. 8X3.2 MM R667 70 /95039 2001 - 000786 R-CARBON, 18 KOHM, 5%, 178W, AA, TP1. 8X3.2 MM R689 70 /95039 2001 - 000786 R-CARBON, 18 KOHM, 5%, 178W, AA, TP1. 8X3.2 MM R670 70 /95040 2001 - 000786 R-CARBON, 18 KOHM, 5%, 178W, AA, TP1. 8X3.2 MM R677 70 /95040 2001 - 000784 | | | | | |
| R650 70/980589 2003-000259 R-METAL DXIDE:3-901HM 596_ZWAR_TERSK 16MM R651 70/950542 2001-000010 R-CARBON,27CHM,5%, 178WAA, TF1 8X3_ZMM R652 70/95046 2001-000602 R-CARBON,27CHM,5%, 178W,AA, TF1 8X3_ZMM R654 70/95041 2001-000602 R-CARBON,27CHM,5%, 178W,AA, TF1 8X3_ZMM R656 70/95052 2001-000074 R-CARBON,47KOHM,5%, 178W,AA, TF1 8X3_ZMM R666 70/95052 2001-000074 R-CARBON,15KOHM,5%, 178W,AA, TF1 8X3_ZMM R666 70/95052 2001-000076 R-CARBON,15KOHM,5%, 178W,AA, TF1 8X3_ZMM R666 70/95032 2001-000076 R-CARBON,15KOHM,5%, 178W,AA, TF1 8X3_ZMM R666 70/95032 2001-000090 R-CARBON,15KOHM,5%, 178W,AA, TF1 8X3_ZMM R666 70/95006 2001-000790 R-CARBON,15KOHM,5%, 178W,AA, TF1 8X3_ZMM R667 70/95006 2001-000760 R-CARBON,470GHM,5%, 178W,AA, TF1 8X3_ZMM R677 70/95003 2001-000734 R-CARBON,470GHM,5%, 178W,AA, TF1 8X3_ZMM R677 70/95004 2001-000734 R-CARBON,470GHM,5%, 178W,AA, TF1 8X3_ZMM R677 70/95004 2001-000734 R-CARBON,470GHM,5%, 178W,AA, TF1 8X3_ZMM R677 70/95005 2001-0000734 R-CARBON,470GHM,5%, 178W,AA, TF1 8X3_ | | | | | 1 |
| R651 70/795052 2011-0000568 R-CARBON_68KOHM,5%,178WAA,TP1.8X3.2MM R652 70/795046 2001-000668 R-CARBON_270HM,5%,178WAA,TP1.8X3.2MM R654 70/795046 2001-000786 R-CARBON_270HM,5%,178WAA,TP1.8X3.2MM R656 70/795013 2001-000786 R-CARBON_15KOHM,5%,178WAA,TP1.8X3.2MM R666 70/795031 2001-000010 R-CARBON_15KOHM,5%,178WAA,TP1.8X3.2MM R666 70/795032 2001-000010 R-CARBON_15KOHM,5%,178WAA,TP1.8X3.2MM R666 70/795031 2001-000786 R-CARBON_15KOHM,5%,178WAA,TP1.8X3.2MM R666 70/795032 2001-000660 R-CARBON,176KOHM,5%,178WAA,TP1.8X3.2MM R666 70/795032 2001-000780 R-CARBON,176KOHM,5%,178WAA,TP1.8X3.2MM R667 70/795039 2001-000780 R-CARBON,176KOHM,5%,178WAA,TP1.8X3.2MM R668 70/795030 2001-000780 R-CARBON,176KOHM,5%,178WAA,TP1.8X3.2MM R677 70/795040 2001-000734 R-CARBON,176KOHM,5%,178WAA,TP1.8X3.2MM R677 70/795040 2001-0000734 R-CARBON,176KOHM,5%,178WAA,TP1.8X3.2MM R677 70/795040 2001-000029 R-CARBON,176KOHM,5%,178WAA,TP1.8X3.2MM R677 70/795050 2001-000029 R-CARBON,176KOHM,5%,178WAA,TP1.8X3.2MM R677 <t< td=""><td></td><td></td><td></td><td></td><td></td></t<> | | | | | |
| R852 70795024 2001-000568 R. CARBON, 270HM, 5%, 178W, AA, TP.1, 8X3, 2MM R854 70795041 2001-000786 R. CARBON, 58, 178W, AA, TP.1, 8X3, 2MM R855 70795013 2001-000241 R. CARBON, 47KOHM, 5%, 178W, AA, TP.1, 8X3, 2MM R856 70795052 2001-000014 R. CARBON, 18, KOHM, 5%, 178W, AA, TP.1, 8X3, 2MM R860 70795032 2001-000078 R. CARBON, 18, KOHM, 5%, 178W, AA, TP.1, 8X3, 2MM R861 70795008 2001-000290 R. CARBON, 18, KOHM, 5%, 178W, AA, TP.1, 8X3, 2MM R862 70795008 2001-000780 R. CARBON, 18, KOHM, 5%, 178W, AA, TP.1, 8X3, 2MM R868 70795039 2001-000780 R. CARBON, 18, KOHM, 5%, 178W, AA, TP.1, 8X3, 2MM R868 70795039 2001-000794 R. CARBON, 18, KOHM, 5%, 178W, AA, TP.1, 8X3, 2MM R670 70795040 2001-000734 R. CARBON, 18, KOHM, 5%, 178W, AA, TP.1, 8X3, 2MM R671 70795040 2001-000734 R. CARBON, 18, KOHM, 5%, 178W, AA, TP.1, 8X3, 2MM R674 70795050 2001-000429 R. CARBON, 18, KOHM, 5%, 178W, AA, TP.1, 8X3, 2MM R677 70795060 2001-000429 R. CA | | | | | |
| R655 70795041 2001-000786 R-CARBON_47KOHM,5%_178WAA,TP1.8X3.2M R657 70795052 2001-000104 R-CARBON,15KOHM,5%_178WAA,TP1.8X3.2M R660 70795041 2001-000786 R-CARBON,68KOHM,5%_178WAA,TP1.8X3.2MM R661 70795032 2001-000860 R-CARBON,87KOHM,5%_178WAA,TP1.8X3.2MM R666 70795006 2001-000290 R-CARBON,18KOHM,5%_178WAA,TP1.8X3.2MM R667 70795008 2001-000780 R-CARBON,18KOHM,5%_178WAA,TP1.8X3.2MM R668 70795039 2001-000780 R-CARBON,4700HM,5%_178WAA,TP1.8X3.2MM R670 70795040 2001-000734 R-CARBON,4700HM,5%_178WAA,TP1.8X3.2M R671 70795040 2001-000734 R-CARBON,4700HM,5%_178WAA,TP1.8X3.2M R672 70795040 2001-000734 R-CARBON,4700HM,5%_178WAA,TP1.8X3.2MM R673 70795040 2001-000734 R-CARBON,4700HM,5%_178WAA,TP1.8X3.2MM R674 70795040 2001-0006734 R-CARBON,1700HM,5%_178WAA,TP1.8X3.2MM R677 70795040 2001-0006734 R-CARBON,1800HM,5%_178WAA,TP1.8X3.2MM R678 70795040 2001-000680 <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | |
| R656 70795013 2001-000241 R-CARBON, 15KOHM, 5%, 178W, AA, TP1, 8X3, 2MM R660 70795041 2001-000786 R-CARBON, 68KOHM, 5%, 178W, AA, TP1, 8X3, 2MM R661 70795032 2001-000290 R-CARBON, 68KOHM, 5%, 178W, AA, TP1, 8X3, 2MM R666 70795006 2001-000290 R-CARBON, 15KOHM, 5%, 178W, AA, TP1, 8X3, 2MM R667 70795006 2001-000780 R-CARBON, 15KOHM, 5%, 178W, AA, TP1, 8X3, 2MM R668 70795039 2001-000780 R-CARBON, 47KOHM, 5%, 178W, AA, TP1, 8X3, 2MM R669 70795040 2001-000734 R-CARBON, 47KOHM, 5%, 178W, AA, TP1, 8X3, 2MM R671 70795040 2001-000734 R-CARBON, 47KOHM, 5%, 178W, AA, TP1, 8X3, 2MM R672 70795040 2001-000734 R-CARBON, 47KOHM, 5%, 178W, AA, TP1, 8X3, 2MM R673 70795005 2001-000429 R-CARBON, 17KOHM, 5%, 178W, AA, TP1, 8X3, 2MM R674 70795005 2001-000629 R-CARBON, 15KOHM, 5%, 178W, AA, TP1, 8X3, 2MM R676 70795021 2001-000622 R-CARBON, 12KOHM, 5%, 178W, AA, TP1, 8X3, 2MM R677 70795021 2001-000522 R-CARBON, 22KOHM, 5%, 178W, AA, TP1, 8 | | | 2001-000802 | R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m | |
| R657 70795052 2001-000010 | | | | | 1 |
| R661 70795041 2001-000786 | | | | | |
| R661 70795032 2001-000660 R-CABBON_33KOHM,5%_1/8W_AA_TP.18X3_ZMM R666 70795006 2001-000290 R-CABBON_10KOHM,5%_1/8W_AA_TP.18X3_ZMM R668 70795039 2001-000780 R-CABBON_10KOHM,5%_1/8W_AA_TP.18X3_ZMM R669 70795039 2001-000734 R-CABBON_470OHM,5%_1/8W_AA_TP.18X3_ZMM R670 70795040 2001-000734 R-CABBON_47XOHM,5%_1/8W_AA_TP.18X3_ZM R671 70795040 2001-000734 R-CABBON_47XOHM,5%_1/8W_AA_TP.18X3_ZM R672 70795040 2001-000734 R-CABBON_47XOHM,5%_1/8W_AA_TP.18X3_ZMM R673 70795006 2001-000290 R-CABBON_47XOHM,5%_1/8W_AA_TP.18X3_ZMM R674 70795006 2001-000290 R-CABBON_10KOHM,5%_1/8W_AA_TP.18X3_ZMM R675 70795029 2001-000633 R-CABBON_20KOHM,5%_1/8W_AA_TP.18X3_ZMM R676 70795021 2001-000522 R-CABBON_20KOHM,5%_1/8W_AA_TP.18X3_ZMM R677 70795021 2001-000522 R-CABBON_20KOHM,5%_1/8W_AA_TP.18X3_ZMM R688 70795021 2001-000515 R-CABBON_20KOHM,5%_1/8W_AA_TP.18X3_ZMM R689 70795037 2 | | | | | |
| R666 | | | | | |
| R688 70795038 2001-000780 R. CARBON.4700HM.5% 1/8W.AA.TP.1.8X3.2MM R670 70795040 2001-000734 R. CARBON.47400HM.5% 1/8W.AA.TP.1.8X3.2MM R671 70795040 2001-000734 R. CARBON.4.7K0HM.5% 1/8W.AA.TP.1.8X3.2MM R672 70795040 2001-000734 R. CARBON.4.7K0HM.5% 1/8W.AA.TP.1.8X3.2MM R673 70795005 2001-000429 R. CARBON.1.4.7K0HM.5% 1/8W.AA.TP.1.8X3.2MM R674 70795060 2001-000429 R. CARBON.1.5K0HM.5% 1/8W.AA.TP.1.8X3.2MM R675 70795607 2001-000406 R. CARBON.1.5K0HM.5% 1/8W.AA.TP.1.8X3.2MM R676 70795021 2001-000632 R. CARBON.3.5K0HM.5% 1/8W.AA.TP.1.8X3.2MM R676 70795021 2001-000522 R. CARBON.2.2K0HM.5% 1/8W.AA.TP.1.8X3.2MM R688 70795021 2001-000522 R. CARBON.2.2K0HM.5% 1/8W.AA.TP.1.8X3.2MM R687 70795021 2001-000522 R. CARBON.2.2K0HM.5% 1/8W.AA.TP.1.8X3.2MM R688 70795032 2001-000660 R. CARBON.3.2K0HM.5% 1/8W.AA.TP.1.8X3.2MM R689 70795005 2001-000622 R. CARBON.2.2K0HM.5% 1/8W.AA.TP.1.8X3.2MM R690 70795005 2001-000429 R. CARBON.5.5K0HM.5% 1/8W.AA.TP.1.8X3.2MM R690 70795005 2001-000429 R. CARBON.5.5K0HM.5% 1/8W.AA.TP.1.8X3.2MM R690 70795005 2001-000429 R. CARBON.5.5K0HM.5% 1/8W.AA.TP.1.8X3.2MM R690 70795005 2001-000429 R. CARBON.1.5K0HM.5% 1/8W.AA.TP.1.8X3.2MM R690 70795004 2001-000429 R. CARBON.1.5K0HM.5% 1/8W.AA.TP.1.8X3.2MM R6900 70 | | | | | |
| R658 70.795039 2001-000780 R-CARBON.2700HM.5%, 1/8W.AA_TP.1.8X3.2MM R670 70.795040 2001-000734 R-CARBON.47K0HM.5%, 1/8W.AA_TP.1.8X3.2M R672 70.795040 2001-000734 R-CARBON.4.7K0HM.5%, 1/8W.AA_TP.1.8X3.2M R673 70.795005 2001-00029 R-CARBON.1CK0HM.5%, 1/8W.AA_TP.1.8X3.2MM R674 70.795006 2001-000290 R-CARBON.1CK0HM.5%, 1/8W.AA_TP.1.8X3.2MM R675 70.795007 2001-000304 R-CARBON.1DK0HM.5%, 1/8W.AA_TP.1.8X3.2MM R676 70.795029 2001-000633 R-CARBON.1BK0HM.5%, 1/8W.AA_TP.1.8X3.2MM R677 70.795021 2001-000522 R-CARBON.22K0HM.5%, 1/8W.AA_TP.1.8X3.2MM R678 70.795021 2001-000522 R-CARBON.22K0HM.5%, 1/8W.AA_TP.1.8X3.2MM R678 70.795021 2001-000522 R-CARBON.22K0HM.5%, 1/8W.AA_TP.1.8X3.2MM R6887 70.795032 2001-000660 R-CARBON.22K0HM.5%, 1/8W.AA_TP.1.8X3.2MM R689 70.795032 2001-000660 R-CARBON.22K0HM.5%, 1/8W.AA_TP.1.8X3.2MM R689 70.795047 2001-000684 R-CARBON.23K0HM.5%, 1/8W.AA_TP.1.8X3.2MM R690 70.795005 2001-000649 R-CARBON.12K0HM.5%, 1/8W.AA_TP.1.8X3.2MM R691 70.795005 2001-000429 R-CARBON.12K0HM.5%, 1/8W.AA_TP.1.8X3.2MM R691 70.795005 2001-000429 R-CARBON.12K0HM.5%, 1/8W.AA_TP.1.8X3.2MM R6801 70.795005 2001-000429 R-CARBON.12K0HM.5%, 1/8W.AA_TP.1.8X3.2MM R6801 70.795005 2001-000429 R-CARBON.1K0HM.5%, 1/8W.AA_TP.1.8X3.2MM R6801 70.795006 2001-000429 R-CARBON.1K0HM.5%, 1/8W.AA_TP.1.8X3.2MM R6801 70.795005 2001-000429 R-CARBON.1K0HM.5%, 1/8W.AA_TP.1.8X3.2MM R6801 70.795006 2001-0000429 R-CARBON.1K0HM.5%, 1/8W.AA_TP.1.8 | | | | | |
| R870 70795040 2001-000734 R-CABBON.4 7KOHM.5% 1/8W.AA.TP.1 8X3.2M R871 70795040 2001-000734 R-CABBON.4 7KOHM.5% 1/8W.AA.TP.1 8X3.2M R873 70795005 2001-000299 R-CABBON.1KOHM.5% 1/8W.AA.TP.1.8X3.2MM R875 70795060 2001-000290 R-CABBON.1KOHM.5% 1/8W.AA.TP.1.8X3.2MM R876 70795021 2001-000650 R-CABBON.1BOOHM.5% 1/8W.AA.TP.1.8X3.2MM R876 70795021 2001-000632 R-CABBON.3COHM.5% 1/8W.AA.TP.1.8X3.2MM R876 70795021 2001-000522 R-CABBON.22KOHM.5% 1/8W.AA.TP.1.8X3.2MM R878 70795021 2001-000522 R-CABBON.22KOHM.5% 1/8W.AA.TP.1.8X3.2MM R878 70795021 2001-000522 R-CABBON.22KOHM.5% 1/8W.AA.TP.1.8X3.2MM R888 70795021 2001-000524 R-CABBON.22KOHM.5% 1/8W.AA.TP.1.8X3.2MM R889 70795021 2001-000660 R-CABBON.32KOHM.5% 1/8W.AA.TP.1.8X3.2MM R890 70795005 2001-000649 R-CABBON.1KOHM.5% 1/8W.AA.TP.1.8X3.2MM R891 70795005 2001-000429 R-CABBON.1KOHM.5% 1/8W.AA.TP.1.8X3.2MM R891 70795006 2001-000362 R-CABBON.1KOHM.5% 1/8W.AA.TP.1.8X3.2MM R891 70795006 2001-000362 R-CABBON.1KOHM.5% 1/8W.AA.TP.1.8X3.2MM R891 70795006 2001-000362 R-CABBON.1KOHM.5% 1/8W.AA.TP.1.8X3.2MM R8900 70795006 2001-000362 R-CABBON.1KOHM.5% 1/8W.AA.TP. | | | | | |
| R671 70795040 2001-000734 R-CARBON.4.7KOHM.5%, 1/8W.AA.TP.1.8X3.2M R672 70795040 2001-000734 R-CARBON.1KOHM.5%, 1/8W.AA.TP.1.8X3.2M R673 70795005 2001-000429 R-CARBON.1KOHM.5%, 1/8W.AA.TP.1.8X3.2MM R674 70795006 2001-000409 R-CARBON.1KOHM.5%, 1/8W.AA.TP.1.8X3.2MM R676 7079507 2001-000633 R-CARBON.180GHM.5%, 1/8W.AA.TP.1.8X3.2MM R676 70795021 2001-000522 R-CARBON.2XCHM.5%, 1/8W.AA.TP.1.8X3.2MM R678 70795021 2001-000522 R-CARBON.22KOHM.5%, 1/8W.AA.TP.1.8X3.2MM R678 70795019 2001-000522 R-CARBON.22KOHM.5%, 1/8W.AA.TP.1.8X3.2MM R678 70795019 2001-000522 R-CARBON.22KOHM.5%, 1/8W.AA.TP.1.8X3.2MM R678 70795019 2001-000522 R-CARBON.22KOHM.5%, 1/8W.AA.TP.1.8X3.2MM R6882 70795019 2001-000522 R-CARBON.22KOHM.5%, 1/8W.AA.TP.1.8X3.2MM R6882 7079502 2001-000522 R-CARBON.22KOHM.5%, 1/8W.AA.TP.1.8X3.2MM R6882 70795032 2001-000624 R-CARBON.22KOHM.5%, 1/8W.AA.TP.1.8X3.2MM R690 70795032 2001-000429 R-CARBON.1KOHM.5%, 1/8W.AA.TP.1.8X3.2MM R690 70795005 2001-000429 R-CARBON.1KOHM.5%, 1/8W.AA.TP.1.8X3.2MM R680 | | | | | 1 |
| R872 70795040 2001-000734 R-CARBON:4 XfoHM.5%, 1/8W.AA.TP.1 8X3.2M R8673 70795005 2001-000429 R-CARBON:1 KOHM.5%, 1/8W.AA.TP.1 8X3.2MM R8674 70795006 2001-000405 R-CARBON:10 KOHM.5%, 1/8W.AA.TP.1 8X3.2MM R8675 70795029 2001-000633 R-CARBON:30 KOHM.5%, 1/8W.AA.TP.1 8X3.2MM R8676 70795021 2001-000522 R-CARBON.22 KOHM.5%, 1/8W.AA.TP.1 8X3.2MM R877 70795021 2001-000522 R-CARBON.22 KOHM.5%, 1/8W.AA.TP.1 8X3.2MM R867 70795019 2001-000522 R-CARBON.22 KOHM.5%, 1/8W.AA.TP.1 8X3.2MM R868 70795021 2001-000522 R-CARBON.22 KOHM.5%, 1/8W.AA.TP.1 8X3.2MM R868 70795021 2001-000522 R-CARBON.22 KOHM.5%, 1/8W.AA.TP.1 8X3.2MM R868 70795022 2001-000662 R-CARBON.3X KOHM.5%, 1/8W.AA.TP.1 8X3.2MM R869 70795002 2001-000429 R-CARBON.5KOHM.5%, 1/8W.AA.TP.1 8X3.2MM R890 70795005 2001-000429 R-CARBON.1KOHM.5%, 1/8W.AA.TP.1 8X3.2MM R890 70795005 2001-000429 R-CARBON.1KOHM.5%, 1/8W.AA.TP.1 8X3.2MM R8B010 | | | | | |
| R874 70795066 2001-000290 R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM R875 70795029 2001-000633 R-CARBON;18COHM,5%,1/8W,AA,TP,1.8X3.2MM R876 70795021 2001-000622 R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM R878 70795021 2001-000522 R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM R867 70795019 2001-000515 R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM R885 70795021 2001-000522 R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM R885 70795032 2001-000622 R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM R8867 70795032 2001-000629 R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM R8897 70795047 2001-000429 R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM R8901 70795019 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM R8902 70795005 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM R8903 70795005 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM R8B01 70795005 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM R8B010 70795005 | | | | | |
| R675 70795607 2001-000405 R-CARBON.1800HM.5%.1/8W.AA.TP.1.8X3.2MM R676 70795029 2001-000633 R-CARBON.30KOHM.5%.1/8W.AA.TP.1.8X3.2MM R678 70795021 2001-000522 R-CARBON.22KOHM.5%.1/8W.AA.TP.1.8X3.2MM R678 70795019 2001-000515 R-CARBON.22KOHM.5%.1/8W.AA.TP.1.8X3.2MM R682 70795021 2001-000522 R-CARBON.22KOHM.5%.1/8W.AA.TP.1.8X3.2MM R687 70795032 2001-000660 R-CARBON.33KOHM.5%.1/8W.AA.TP.1.8X3.2MM R687 70795005 2001-000660 R-CARBON.33KOHM.5%.1/8W.AA.TP.1.8X3.2MM R689 70795005 2001-000429 R-CARBON.56KOHM.5%.1/8W.AA.TP.1.8X3.2MM R690 70795019 2001-000429 R-CARBON.1KOHM.5%.1/8W.AA.TP.1.8X3.2MM R692 70795005 2001-000429 R-CARBON.1KOHM.5%.1/8W.AA.TP.1.8X3.2MM R693 70795005 2001-000429 R-CARBON.1KOHM.5%.1/8W.AA.TP.1.8X3.2MM R6801 70795005 2001-000429 R-CARBON.1KOHM.5%.1/8W.AA.TP. V-730EF/610EF/730UK/40EG/730EG Only R6B01 70795005 2001-000384 R-CARBON.1KOHM.5%.1/8W.AA.TP. V-730EF/610EF/730UK/4 | R673 | 70795005 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R676 70795029 2001-000633 R-CARBON,30KOHM,5%,1/8W,AA,TP1.8X3.2MM R677 70795021 2001-000522 R-CARBON,22KOHM,5%,1/8W,AA,TP1.8X3.2MM R679 70795019 2001-000522 R-CARBON,22KOHM,5%,1/8W,AA,TP1.8X3.2MM R682 70795021 2001-000522 R-CARBON,22KOHM,5%,1/8W,AA,TP1.8X3.2MM R685 70795032 2001-000660 R-CARBON,22KOHM,5%,1/8W,AA,TP1.8X3.2MM R687 70795005 2001-000429 R-CARBON,32KOHM,5%,1/8W,AA,TP1.8X3.2MM R690 70795005 2001-000429 R-CARBON,1KOHM,5%,1/8W,AA,TP1.8X3.2MM R691 70795005 2001-000429 R-CARBON,1KOHM,5%,1/8W,AA,TP1.8X3.2MM R692 70795005 2001-000429 R-CARBON,1KOHM,5%,1/8W,AA,TP1.8X3.2MM R694 70796005 2001-000429 R-CARBON,1KOHM,5%,1/8W,AA,TP1.8X3.2MM R6803 70795005 2001-000429 R-CARBON,1KOHM,5%,1/8W,AA,TP1.8X3.2MM R6810 70796005 2001-000329 R-CARBON,1KOHM,5%,1/8W,AA,TP1.8X3.2MM R6810 70796005 2001-000320 R-CARBON,1SOHM,5%,1/8W,AA,TP1.8X3.2MM R6901 70795006 20 | | | | | |
| R677 70795021 2001-000522 R-CARBON,22KOHM,5%,1/8W,AA,TP1.8X3.2MM R678 70795021 2001-000522 R-CARBON,22KOHM,5%,1/8W,AA,TP1.8X3.2MM R682 70795021 2001-000525 R-CARBON,22KOHM,5%,1/8W,AA,TP1.8X3.2MM R685 70795032 2001-000600 R-CARBON,3KOHM,5%,1/8W,AA,TP1.8X3.2MM R6867 70795005 2001-000600 R-CARBON,3KOHM,5%,1/8W,AA,TP1.8X3.2MM R6890 70795047 2001-000864 R-CARBON,56KOHM,5%,1/8W,AA,TP1.8X3.2MM R691 70795019 2001-000429 R-CARBON,1KOHM,5%,1/8W,AA,TP1.8X3.2MM R692 70795005 2001-000429 R-CARBON,1KOHM,5%,1/8W,AA,TP1.8X3.2MM R693 70795005 2001-000429 R-CARBON,1KOHM,5%,1/8W,AA,TP1.8X3.2MM R6904 70795005 2001-000429 R-CARBON,1KOHM,5%,1/8W,AA,TP1.8X3.2MM R6801 70795005 2001-000429 R-CARBON,1KOHM,5%,1/8W,AA,TP1.8X3.2MM R6801 70795005 2001-000429 R-CARBON,1KOHM,5%,1/8W,AA,TP. R6801 70795005 2001-000429 R-CARBON,1KOHM,5%,1/8W,AA,TP. R6811 70795006 2001-000362 | | | | | |
| R678 70795021 2001-000522 R-CARBON.22XOHM,5%,1/8W,AA,TP.1.8X3.2MM R679 70795019 2001-000515 R-CARBON.22XOHM,5%,1/8W,AA,TP.1.8X3.2MM R682 70795021 2001-000622 R-CARBON.22XOHM,5%,1/8W,AA,TP.1.8X3.2MM R685 70795032 2001-000660 R-CARBON.33XOHM,5%,1/8W,AA,TP.1.8X3.2MM R6807 70795005 2001-000429 R-CARBON.1KOHM,5%,1/8W,AA,TP.1.8X3.2MM R691 70795019 2001-000429 R-CARBON.1KOHM,5%,1/8W,AA,TP.1.8X3.2MM R692 70795005 2001-000429 R-CARBON.1KOHM,5%,1/8W,AA,TP.1.8X3.2MM R693 70795005 2001-000429 R-CARBON.1KOHM,5%,1/8W,AA,TP.1.8X3.2MM R694 70795005 2001-000429 R-CARBON.1KOHM,5%,1/8W,AA,TP.1.8X3.2MM R6801 70795005 2001-000429 R-CARBON.1KOHM,5%,1/8W,AA,TP.1.8X3.2MM R6802 70795005 2001-000429 R-CARBON.1KOHM,5%,1/8W,AA,TP. V-730EF/610EF/730UK/740EG/730EG Only R6801 70795005 2001-000429 R-CARBON.1SOOHM,5%,1/8W,AA,TP. V-730EF/610EF/730UK/740EG/730EG Only R6811 70796067 2001-000362 R-CARBON.150OHM,5%,1/8 | | | | | |
| R679 70795019 2001-000515 R-CARBON,2200HM,5%,1/8W,AA,TP,1.8X3.2MM R682 70795021 2001-000522 R-CARBON,22KOHM,5%,1/8W,AA,TP,1.8X3.2MM R685 70795032 2001-000660 R-CARBON,33KOHM,5%,1/8W,AA,TP,1.8X3.2MM R687 70795005 2001-000429 R-CARBON,1KOHM,5%,1/8W,AA,TP,1.8X3.2MM R690 70795047 2001-000515 R-CARBON,1KOHM,5%,1/8W,AA,TP,1.8X3.2MM R691 70795005 2001-000429 R-CARBON,1KOHM,5%,1/8W,AA,TP,1.8X3.2MM R692 70795005 2001-000429 R-CARBON,1KOHM,5%,1/8W,AA,TP,1.8X3.2MM R693 70795005 2001-000429 R-CARBON,1KOHM,5%,1/8W,AA,TP,1.8X3.2MM R6901 70795005 2001-000429 R-CARBON,1KOHM,5%,1/8W,AA,TP,1.8X3.2MM R6801 70795005 2001-000429 R-CARBON,1KOHM,5%,1/8W,AA,TP,1.8X3.2MM R6802 70795005 2001-000429 R-CARBON,1KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-730EF/610EF/730UK/740EG/730EG Only R6B11 70796067 2001-000362 R-CARBON,1KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P02 70795004 2001-000281 R-CARBON,1000HM, | | | | | |
| R685 70795032 2001-000660 R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM R687 70795005 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM R691 70795019 2001-000864 R-CARBON;56KOHM,5%,1/8W,AA,TP,1.8X3.2MM R692 70795019 2001-000429 R-CARBON;200HM,5%,1/8W,AA,TP,1.8X3.2MM R692 70795005 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM R694 70795005 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM R6801 70795005 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM R6801 70795005 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP, V-730EF/610EF/730UK/740EG/730EG Only R6B01 70795005 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP, V-730EF/610EF/730UK/740EG/730EG Only R6B10 70795005 2001-000429 R-CARBON;150OHM,5%,1/8W,AA,TP, V-730EF/610EF/730UK/740EG/730EG Only R6B11 70795067 2001-000382 R-CARBON;150OHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P02 70795004 2001-000281 R-CARBON;20HM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used <td></td> <td></td> <td>2001-000515</td> <td></td> <td></td> | | | 2001-000515 | | |
| R687 70795005 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP.1.8X3.2MM R690 70795047 2001-000864 R-CARBON;56KOHM,5%,1/8W,AA,TP.1.8X3.2MM R691 70795005 2001-000429 R-CARBON;220OHM,5%,1/8W,AA,TP.1.8X3.2MM R692 70795005 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP.1.8X3.2MM R693 70795005 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP.1.8X3.2MM R6804 70795005 2001-000384 R-CARBON;1KOHM,5%,1/8W,AA,TP.1.8X3.2MM R6802 70795005 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP. V-730EF/610EF/730UK/740EG/730EG Only R6803 70795005 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP. V-730EF/610EF/730UK/740EG/730EG Only R6810 70795005 2001-000429 R-CARBON;150OHM,5%,1/8W,AA,TP. V-730EF/610EF/730UK/740EG/730EG Only R6811 70796067 2001-000362 R-CARBON;150OHM,5%,1/8W,AA,TP.1.8X3.2MM V-510EF/720W/710W Not used R6P01 70795004 2001-000281 R-CARBON;20HM,5%,1/8W,AA,TP.1.8X3.2MM V-510EF/720W/710W Not used R6P02 70795006 2001-000472 R-CARBON,10KOHM,5%,1/8W,AA,TP.1.8X3.2MM </td <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | |
| R690 70795047 2001-000864 R-CARBON;56KOHM,5%,1/8W,AA,TP,1.8X3.2MM R691 70795019 2001-000515 R-CARBON;2200HM,5%,1/8W,AA,TP,1.8X3.2MM R692 70795005 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM R692 70795005 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM R694 70795005 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-730EF/610EF/730UK/740EG/730EG Only R6B01 70796024 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP, V-730EF/610EF/730UK/740EG/730EG Only R6B02 70795005 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP, V-730EF/610EF/730UK/740EG/730EG Only R6B10 70795005 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP, V-730EF/610EF/730UK/740EG/730EG Only R6B10 70796005 2001-000429 R-CARBON;150OHM,5%,1/8W,AA,TP,1 N-730EF/610EF/730UK/740EG/730EG Only R6B11 70796067 2001-000362 R-CARBON;150OHM,5%,1/8W,AA,TP,1.8X3.2MM V-730EF/610EF/730UK/740EG/730EG Only R6P01 70795004 2001-000281 R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P03 70995006 2001-000472 R-CAR | | | | | /1 |
| R691 70795019 2001-000515 R-CARBON;2200HM,5%,1/8W,AA,TP,1.8X3.2MM R692 70795005 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM R693 70795005 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM R694 70795005 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM R6801 70795005 2001-000384 R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-730EF/610EF/730UK/740EG/730EG Only V-7510 | | | | | Λ |
| R692 70795005 2001-000429 R-CARBON,1KOHM,5%,1/8W,AA,TP,1.8X3.2MM R693 70795005 2001-000429 R-CARBON,1KOHM,5%,1/8W,AA,TP,1.8X3.2MM R694 70795005 2001-000429 R-CARBON,1KOHM,5%,1/8W,AA,TP,1.8X3.2MM R6B01 70796024 2001-000384 R-CARBON,1600HM,5%,1/8W,AA,TP, V-730EF/610EF/730UK/740EG/730EG Only R6B02 70795005 2001-000429 R-CARBON,1KOHM,5%,1/8W,AA,TP, V-730EF/610EF/730UK/740EG/730EG Only R6B10 70795005 2001-000429 R-CARBON,1KOHM,5%,1/8W,AA,TP, V-730EF/610EF/730UK/740EG/730EG Only R6B10 70795005 2001-000362 R-CARBON,150OHM,5%,1/8W,AA,TP,1.8X3.2MM V-730EF/610EF/730UK/740EG/730EG Only R6B11 70795006 2001-000382 R-CARBON,150OHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P02 70795004 2001-000281 R-CARBON,100OHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P03 70699144 2001-000290 R-CARBON,10KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P05 70795006 2001-000290 R-CARBON,10KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used | | | | | |
| R694 70795005 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-730EF/610EF/730UK/740EG/730EG Only R6B01 70796024 2001-000384 R-CARBON;160OHM,5%,1/8W,AA,TP, V-730EF/610EF/730UK/740EG/730EG Only R6B02 70795005 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP, V-730EF/610EF/730UK/740EG/730EG Only R6B03 70795005 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP, V-730EF/610EF/730UK/740EG/730EG Only R6B10 70795005 2001-000429 R-CARBON;150OHM,5%,1/8W,AA,TP,1.8X3.2MM V-730EF/610EF/730UK/740EG/730EG Only R6B11 70796067 2001-000362 R-CARBON;150OHM,5%,1/8W,AA,TP,1.8X3.2MM V-730EF/610EF/730UK/740EG/730EG Only R6P01 70795004 2001-000362 R-CARBON;150OHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P03 70795004 2001-000281 R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P04 70795006 2001-000290 R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P05 70795046 2001-000490 R-CARBON;20OHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P09 | | | | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R6B01 70796024 2001-000384 R-CARBON;1600HM,5%,1/8W,AA,TP, V-730EF/610EF/730UK/740EG/730EG Only R6B02 70795005 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP, V-730EF/610EF/730UK/740EG/730EG Only R6B03 70795005 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP, V-730EF/610EF/730UK/740EG/730EG Only R6B10 70795005 2001-000362 R-CARBON;1500HM,5%,1/8W,AA,TP,1.8X3.2MM V-730EF/610EF/730UK/740EG/730EG Only R6B11 707950067 2001-000362 R-CARBON;1500HM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/730UK/740EG/730EG Only R6P01 70795004 2001-000362 R-CARBON;1500HM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/730UK/740EG/730EG Only R6P02 70795004 2001-000281 R-CARBON;1500HM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P03 70699144 2001-000472 R-CARBON;200HM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P04 70795006 2001-000290 R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P07 70795026 2001-000802 R-CARBON;20OHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P08 70 | R693 | | | | |
| R6B02 70795005 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP, V-730EF/610EF/730UK/740EG/730EG Only R6B03 70795005 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP, V-730EF/610EF/730UK/740EG/730EG Only R6B10 70795005 2001-000362 R-CARBON;150OHM,5%,1/8W,AA,TP,1.8X3.2MM V-730EF/610EF/730UK/740EG/730EG Only R6B11 70795004 2001-000362 R-CARBON;150OHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P02 70795004 2001-000281 R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P03 70699144 2001-000472 R-CARBON;20OHM,5%,1/8W,AA,TP,1.8X3.2M V-510EF/720W/710W Not used R6P04 70795006 2001-000290 R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P05 70795046 2001-000802 R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P07 70795028 2001-000490 R-CARBON;3C0OHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P09 70795020 2001-000449 R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Only R6P10 70795019 | | | | | V 720FF (610FF /720HV /740FC /720FC Only |
| R6B03 70795005 2001-000429 R-CARBON;1KOHM,5%,1/8W,AA,TP, V-730EF/610EF/730UK/740EG/730EG Only R6B10 70796067 2001-000362 R-CARBON;1500HM,5%,1/8W,AA,TP,1.8X3.2MM V-730EF/610EF/730UK/740EG/730EG Only R6B11 70796067 2001-000362 R-CARBON;1500HM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P01 70795004 2001-000281 R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P02 70795004 2001-000281 R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P03 70699144 2001-000290 R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P04 70795006 2001-000290 R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P05 70795046 2001-000802 R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P07 70795028 2001-000490 R-CARBON;200HM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P09 70795020 2001-000490 R-CARBON;200HM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Only R6P10 70795019 | | | | | |
| R6B10 70795067 2001-000362 R-CARBON;1500HM,5%,1/8W,AA,TP,1.8X3.2MM R6B11 70796067 2001-000362 R-CARBON;1500HM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P01 70795004 2001-000281 R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P02 70795004 2001-000281 R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P03 70699144 2001-000290 R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P04 70795006 2001-000290 R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P05 70795006 2001-000290 R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P06 70795046 2001-000802 R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P07 70796356 2001-000490 R-CARBON;2000HM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P09 70795028 2001-000007 R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Only R6P10 70795019 2001-000515 R-CARBON;39 | | | | | |
| R6P01 70795004 2001-000281 R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P02 70795004 2001-000281 R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P03 70699144 2001-000472 R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M V-510EF/720W/710W Not used R6P04 70795006 2001-000290 R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P05 70795006 2001-000290 R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P06 70795046 2001-000802 R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P07 70796356 2001-000490 R-CARBON;2000HM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P08 70795028 2001-000490 R-CARBON;3KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Only R6P10 70795019 2001-000449 R-CARBON;220HM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Only R6P11 BY230090 2001-00005 R-CARBON;3900hm,5%,1/8W,AA,TP,1.8X3.2mm | | | | | 1 |
| R6P02 70795004 2001-000281 R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P03 70699144 2001-000472 R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M V-510EF/720W/710W Not used R6P04 70795006 2001-000290 R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P05 70795006 2001-000290 R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P06 70795046 2001-000802 R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P07 70796356 2001-000490 R-CARBON;200OHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P08 70795028 2001-000007 R-CARBON;3KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Only R6P10 70795019 2001-000515 R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Only R6P11 BY230090 2001-000005 R-CARBON;3900hm,5%,1/8W,AA,TP,1.8X3.2mm V-510EF/720W/710W Only | R6B11 | 70796067 | | | |
| R6P03 70699144 2001-000472 R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M V-510EF/720W/710W Not used R6P04 70795006 2001-000290 R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P05 70795006 2001-000290 R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P06 70795046 2001-000802 R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P07 70796356 2001-000490 R-CARBON;200OHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P08 70795028 2001-000007 R-CARBON;3KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Only R6P10 70795019 2001-000449 R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Only R6P10 70795019 2001-000515 R-CARBON;390oHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Only R6P11 BY230090 2001-000005 R-CARBON;390oHm,5%,1/8W,AA,TP,1.8X3.2mm V-510EF/720W/710W Only | | | | | |
| R6P04 70795006 2001-000290 R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P05 70795006 2001-000290 R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P06 70795046 2001-000802 R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8X3.2m V-510EF/720W/710W Not used R6P07 70796356 2001-000490 R-CARBON;2000HM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P08 70795028 2001-000007 R-CARBON;3KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Only R6P10 70795019 2001-000449 R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Only R6P11 BY230090 2001-000055 R-CARBON;3900hm,5%,1/8W,AA,TP,1.8X3.2mm V-510EF/720W/710W Only | | | | · · · · · · · · · · · · · · · · · · · | |
| R6P05 70795006 2001-000290 R-CARBON;10K0HM,5%;1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P06 70795046 2001-000802 R-CARBON;5.6Kohm,5%;1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P07 70796356 2001-000490 R-CARBON;2000HM,5%;1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P08 70795028 2001-000007 R-CARBON;3K0HM,5%;1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Only R6P10 70795019 2001-000449 R-CARBON;2200HM,5%;1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Only R6P11 BY230090 2001-000005 R-CARBON;390ohm,5%;1/8W,AA,TP,1.8X3.2mm | | | | | |
| R6P06 70795046 2001-000802 R-CARBON,5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m V-510EF/720W/710W Not used R6P07 70796356 2001-000490 R-CARBON,2.000HM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Not used R6P08 70795028 2001-000007 R-CARBON,3XOHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Only R6P10 70795019 2001-000449 R-CARBON,2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Only R6P11 BY230090 2001-000005 R-CARBON,3900hm,5%,1/8W,AA,TP,1.8X3.2mm V-510EF/720W/710W Only | | | | | Л |
| R6P08 70795028 2001-000007 R-CARBON;3K0HM,5%,1/8W,AA,TP,1.8X3.2MM R6P09 70795020 2001-000449 R-CARBON;2.2K0HM,5%,1/8W,AA,TP,1.8X3.2M V-510EF/720W/710W Only R6P10 70795019 2001-000515 R-CARBON;2200HM,5%,1/8W,AA,TP,1.8X3.2MM V-510EF/720W/710W Only R6P11 BY230090 2001-000005 R-CARBON;3900hm,5%,1/8W,AA,TP,1.8X3.2mm | | | | | |
| R6P09 70795020 2001-000449 R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M V-510EF/720W/710W Only R6P10 70795019 2001-000515 R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM R6P11 BY230090 2001-000005 R-CARBON;390ohm,5%,1/8W,AA,TP,1.8X3.2mm | | | | | / I |
| R6P10 70795019 2001-000515 R-CARBON:2200HM,5%,1/8W,AA,TP,1.8X3.2MM R6P11 BY230090 2001-000005 R-CARBON:390ohm,5%,1/8W,AA,TP,1.8X3.2mm | | | | | V-510FF/720W/710W Only |
| R6P11 BY230090 2001-000005 R-CARBON;390ohm,5%,1/8W,AA,TP,1.8x3.2mm | | | | | |
| R706 70795029 2001-000633 R-CARBON;30K0HM,5%,1/8W,AA,TP,1.8X3.2MM | | | | R-CARBON;390ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| | R706 | 70795029 | 2001-000633 | R-CARBON;30KOHM,5%,1/8W,AA,TP,1.8X3.2MN | Л |

Toshiba 7-11

| Loc.No. | TSB Parts No. | Reference No. | Description : Specification | Remark |
|-----------------|----------------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| R707 | 70795013 | 2001-000241 | R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R708 | 70795026 | 2001-000563 | R-CARBON, 27KOHM, 5%, 1/8W, AA, TP, 1.8X3.2MM | 4 |
| R709 | 70795019 | 2001-000515 | R-CARBON;2200HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R710 | 70795008 | 2001-000435 | R-CARBON,1MOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R727 | 70795014 | 2001-000008 | R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R728 | 70795014 | 2001-000008 | R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R731 | 70795006 | 2001-000290 | R-CARBON;10K0HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R732 | BY230100 | 2001-000666 | R-CARBON;330HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R801 | 70795004 | 2001-000281 | R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R802 | 70795004 | 2001-000281 | R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R803 | 70795057 | 2001-000995 | R-CARBON;8200HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R805 | 70795025 | 2001-000554 | R-CARBON;2700HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R806 | 70795025 | 2001-000554 | R-CARBON;2700HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R807 R808 | 70795054 | 2001-000969 | R-CARBON;750HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R809 | 70795054 70795054 | 2001-000969 2001-000969 | R-CARBON;750HM,5%,1/8W,AA,TP,1.8X3.2MM | "LUZ" NAI-I- NI-+I |
| R810 | 70795025 | 2001-000554 | R-CARBON;750HM,5%,1/8W,AA,TP,1.8X3.2MM R-CARBON;2700HM,5%,1/8W,AA,TP,1.8X3.2MM | "UK" Models Not used |
| R811 | 70795025 | 2001-000554 | R-CARBON;2700HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R812 | 70795054 | 2001-000354 | R-CARBON;750HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R813 | 70795025 | 2001-000554 | R-CARBON;2700HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R814 | 70795025 | 2001-000554 | R-CARBON;2700HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R815 | 70795025 | 2001-000554 | R-CARBON;2700HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R816 | 70795025 | 2001-000554 | R-CARBON;2700HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R819 | 70795025 | 2001-000554 | R-CARBON;2700HM,5%,1/8W,AA,TP,1.8X3,2MM | "UK" Models Not used |
| R820 | 70795025 | 2001-000554 | R-CARBON;2700HM,5%,1/8W,AA,TP,1.8X3.2MM | "UK" Models Not used |
| R821 | 70795032 | 2001-000660 | R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R822 | 70795021 | 2001-000522 | R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R823 | 70795026 | 2001-000563 | R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R824 | 70795026 | 2001-000563 | R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| S601 | BY530003 | 0603-001011 | PHOTO-TR;NPN,35V,6V,50mA,75mW,BK | |
| S602 | BY530003 | 0603-001011 | PHOTO-TR;NPN,35V,6V,50mA,75mW,BK | |
| W229 | 70795609 | 2001-000605 | R-CARBON, 3.6KOHM, 5%, 1/8W, AA, TP, 1.8X3.2MM | 1 |
| W421 | 70795004 | 2001-000281 | | V-730EF/730UK/740EG/730EG/720W/710W Only |
| | | | | |
| | LLANEOUS> | 0744 000470 | COMMENTED MEADER AND A DATE OF THE COMMENT OF THE C | |
| CN1SS1 | 70796223 | 3711-000178 | CONNECTOR-HEADER; 1WALL, 2P, 1R, 3.96mm, STRA | \mathcal{A} |
| CN301 | 70796387 | 3708-000391 | CONNECTOR-FPC/FC/PIC;10P,1.25MM,STRAIGHT | |
| CN3A01 | BY634038 | 3708-001302 | CONNECTOR-FPC/FC/PIC;7P,1.25mm,STRAIGHT, | |
| CN3A02 | 70796246 | 3711-002445 | CONNECTOR-HEADER; BOX, 2P, 2R, 1.5MM, STRAIGH | |
| CN4N01 CN601 | BY634116 BY634047 | 3711-003176 | CONNECTOR-HEADER; NOWALL, 10P, 1R, 2.5mm, AN | |
| CN602 | BY634003 | AC39-20817S 3708-001163 | LEAD CONNECTOR-ASSY;DP,SMH200-02,YBH200- | - |
| CN604 | BY634026 | 3711-003749 | CONNECTOR-FPC/FC/PIC;5P,1.25mm,STRAIGHT, CONNECTOR-HEADER;BOX,8P,2R,2mm,STRAIGHT, | |
| CN701 | 70795274 | 3711-003743 | CONNECTOR-HEADER; NOWALL, 10P, 1R, 2mm, ANG | |
| CN707 | 70795274 | 3711-001198 | CONNECTOR-HEADER; NOWALL, 10P, 1R, 2mm, ANG | |
| CN704 | BY634040 | 3711-004013 | | V-730EF/730UK/740EG/730EG/720W/710W Only |
| CN705 | BY634039 | 3710-001385 | CONNECTOR-SOCKET;10P,1R,2mm,ANGLE,SN | V-730E1/7300K/740Ed/730Ed/720VV/710VV OIIIV |
| DT701 | BY634119 | AC07-20051C | VF-DISPLAY;SVV-07SS27,15SEG,20.5X75.0,SV | |
| F1SS01 | BY634268 | 3601-001208 | FUSE-CARTRIDGE;250V,1.6A,TIME-LAG,GLASS | \triangle |
| JC801 | BY634117 | 3722-001093 | JACK-RCA;42P,3.81MM,SN,BLU/BLK,#20-28 | |
| JC802 | BY634121 | AC37-22002E | JACK-PIN;3.5MM,DPAE9634,2P,TR,- | |
| JK701 | BY634045 | AC37-22002H | JACK-PIN;3.2mm,DPSE-9826,3P,10mm,ARREY | |
| PT1SS1 | BY634271 | AC26-00001L | TRANS-SWITCHING;-,-,-,230V,DEMCO,EE2821, | \triangle |
| PT601 | BY530005 | 0604-001122 | PHOTO-INTERRUPTER;TR,0.065%,150mW,DIP-4, | |
| PT602 | BY530005 | 0604-001122 | PHOTO-INTERRUPTER;TR,0.065%,150mW,DIP-4, | |
| RM701 | BY634036 | AC59-60060A | MODULE-REMOCON;GP1U281R,SHARP,38KHZ,-,-, | |
| SW601 | BY632004 | AC34-20100A | SWITCH-MODE;-,-,X-9,- | |
| SW602 | BY632005 | AC34-20100B | SWITCH-REC;-,-,X-9,- | |
| SW701 | BY632007 | 3404-000165 | SWITCH-TACT;12V,50mA,160gf+-50gf,6x6mm,S | |
| SW703 | BY632007 | 3404-000165 | SWITCH-TACT;12V,50mA,160gf+-50gf,6x6mm,S | |
| SW708 | BY632007 | 3404-000165 | SWITCH-TACT;12V,50mA,160gf+-50gf,6x6mm,S | |
| SW709 | BY632007 | 3404-000165 | SWITCH-TACT;12V,50mA,160gf+-50gf,6x6mm,S | |
| SW712 SW714 | BY632007 | 3404-000165 | SWITCH-TACT;12V,50mA,160gf+-50gf,6x6mm,S | |
| | BY632007 | 3404-000165 | SWITCH-TACT;12V,50mA,160gf+-50gf,6x6mm,S | |
| SW715 SW716 | BY632007 BY632007 | 3404-000165 3404-000165 | SWITCH-TACT;12V,50mA,160gf+-50gf,6x6mm,S SWITCH-TACT;12V,50mA,160gf+-50gf,6x6mm,S | |
| SW719 | BY632007 | 3404-000165 | SWITCH-TACT, 12V,50mA, 160gf+-50gf,6x6mm,S | |
| SW719 | BY632007 | 3404-000165 | SWITCH-TACT, 12 V,50 mA, 160gf+-50gf,6x6mm,S | |
| SW721 | 70795181 | 3404-001008 | SWITCH-TACT; 12V,20mA,160+-50,6x7.9x3.5mm | |
| SW801 | BY632010 | 3404-000135 | SWITCH-TACT; 12V,50mA,160+-50gf,7.4x7.1mm | |
| TM401 | BY630052 | AC40-30072F | TM-BLOCK;TCMM0601PD08A,SECAM-L/G/I/K,18 | 1 "EF" Models Only |
| TM401 | BY630053 | AC40-30072H | TM-BLOCK;TCMK0601PD08A,PAL-BG/I/DK,HI-F | "UK/EG/W" Models Only |
| VA1SS1 | BY634022 | 1405-001026 | VARISTOR;470V,600A,9x7mm,TP | A Middels Silly |
| XT301 | BY633009 | 2801-001397 | CRYSTAL-UNIT;4.433619MHZ,HC-49/U-S 15PPM | |
| XT4N01 | BY633011 | 2801-003171 | CRYSTAL-UNIT, 18.432MHz, 20PPM, 28-AAM, 4PF, | |
| XT601 | BY633003 | 2801-003318 | CRYSTAL-UNIT;32.768KHz,20ppm,28-AAP,12.5 | |
| XT602 | BY633010 | 2801-003139 | CRYSTAL-UNIT,8MHz,50ppm,28-AAA,22pF,80oh | |
| XT701 | BY633014 | 2801-003868 | CRYSTAL-UNIT;5MHz,30ppm,28-AAA,12pF,100o | |
| | | | | |

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7-2 MONO Models (V-430EF/230EF/220EF/430YK/230UK/220UK/210UK/430EG/230EG/210EG/420W/410W/220W/210W)

| Loc.No. | TSB Parts No. | Reference No. | Description ; Specification | Remark |
|---------|----------------------|----------------------------|----------------------------------------------------------------------------------------------------|----------------------------------|
| - PAC | KING PART | 'S - | | |
| A701 | BY730586 | AC69-00067D | PACKING-CASE;V-430EF,-,-,-,SW2+YEL,-,- | V-430EF |
| | BY730587 | AC69-00067E | PACKING-CASE;V-230EF,-,-,-,-,SW2+YEL,-,- | V-230EF |
| | BY730467 BY730575 | AC69-00067F AC69-00042B | PACKING-CASE;V-220EF,-,-,-,SW2+YEL,-,- PACKING CASE;V-430UK,-,-,428,150,YEL,-,- | V-220EF |
| | BY730576 | AC69-00042B AC69-00042C | PACKING CASE, V-430UK, -, -, 428, 150, 1 EL, -, - PACKING CASE; V-230UK, -, -, 428, 150, YEL, -, - | V-430UK V-230UK |
| | BY730577 | AC69-00042D | PACKING CASE;V-220UK,-,-,428,150,YEL,-,- | V-220UK |
| | BY730578 | AC69-00042E | PACKING CASE;V-210UK,-,-,428,150,YEL,-,- | V-210UK |
| | BY730579 | AC69-00042F | PACKING CASE; V-430EG, -, -, 428, 150, YEL, -, - | V-430EG |
| | BY730580 BY730581 | AC69-00042G | PACKING CASE:V-230EG,-,-,428,150,YEL,-,- | V-230EG |
| | BY730584 | AC69-00042H AC69-00042L | PACKING CASE;V-210EG,-,-,428,150,YEL,-,- PACKING CASE;V-420W,-,-,428,150,YEL,-,-, | V-210EG V-420W |
| | BY730582 | AC69-00042J | PACKING CASE;V-410W,-,-,428,150,YEL,-,- | V-410W |
| | BY730585 | AC69-00042M | PACKING CASE;V-220W,-,-,428,150,YEL,-,-, | V-220W |
| | BY730583 | AC69-00042K | PACKING CASE; V-210W,-,-,428,150, YEL,-,-, | V-210VV |
| A702 | BY730464 | AC69-00041A | CUSHION-F/B;M-656/TSB,EPS,-,-,-,- | "EF" Models Only |
| UT01 | BY730125 BY634317 | AC69-20362A AC59-00015M | CUSHION-F/B;M-685,EPS 58,-,-,-,-,M-685 REMOCON-ASSY;-,VT-430EF(70148447),-,-,V- | "UK/EG/W" Models Only V-430EF |
| 0.01 | BY634277 | AC59-00015N | REMOCON-ASSY;-,VT-230EF(70148448),-,-,V- | V-230EF/220EF |
| | BY634312 | AC59-00015C | REMOCON-ASSY;-,VT-430UK(70148441),-,-,V- | V-430UK/230UK |
| | BY634313 | AC59-00015D | REMOCON-ASSY;-,VT-220UK(70148442),-,-,V- | V-220UK |
| | BY634314 BY634315 | AC59-00015E AC59-00015G | REMOCON-ASSY;-,VT-210UK(70148443),-,-,V- | V-210UK |
| | BY634316 | AC59-00015G AC59-00015H | REMOCON-ASSY;-,VT-430EG(70148437),-,-,V- REMOCON-ASSY;-,VT-210EG(70148438),-,-,V- | V-430EG/230EG V-210EG |
| | BY634318 | AC59-00015Q | REMOCON-ASSY;-,VT-410W(70148450),-,-,V-4 | V-420W/410W |
| | BY634319 | AC59-00015R | REMOCON-ASSY;-,VT-210W(70148451),-,-,V-2 | V-220W/210W |
| Y101 | BY634303 | AC68-00642A | MANUAL USERS;V-230EF/TSB,-,-,-,-,-,- | V-430EF/230EF |
| | BY634281 | AC68-00643A | MANUAL USERS;V-220EF/TSB,-,-,-,-,-,- | V-220EF |
| | BY634304 BY634301 | AC68-00650A AC68-00661A | MANUAL USERS;V-430UK/TSB,-,-,-,-,-,-,- MANUAL USERS;V-220UK/TSB,-,-,-,-,-,-,- | V-430UK/230UK V-220UK |
| | BY634305 | AC68-00653A | MANUAL USERS;V-210UK/TSB,-,-,-,-,- | V-210UK |
| | BY634306 | AC68-00656A | MANUAL USERS;V-430EG/TSB,-,-,-,-,-,- | V-430EG/230EG |
| | BY634307 | AC68-00658A | MANUAL USERS;V-210EG/TSB,-,-,-,-,-,- | V-210EG |
| | BY634309 | AC68-00667A | MANUAL USERS;V-410W/TSB,ENG+ITA,-,-,-,- | V-420W/410W |
| Y102 | BY634310 BY634308 | AC68-00668A AC68-00664A | MANUAL USERS;V-210W/TSB,ENG+ITA,-,-,-,-,- MANUAL USERS;V-410W/TSB,RUSIA+SPA,-,-,-,- | V-220W/210W V-410W |
| 1102 | BY634311 | AC68-00671A | MANUAL USERS;V-210W/TSB,RUSIA+SPA,-,-,-,- | V-410VV V-210VV |
| Y103 | BY634253 | AC39-00017A | CABLE-ETC-RF(PAL);-,MALE/FEMALE,1200MM,R | ALL Models |
| - INS | TRUMENT I | PARTS - | | |
| 1 | BY730549 | AC97-00672A | ASSY-PANEL FRONT; V-430EF, HIPS 94HB,- | V-430EF |
| | BY730550 | AC97-00673A | ASSY-PANEL FRONT; V-230EF, HIPS 94HB,- | V-230EF |
| | BY730472 | AC97-00674A | ASSY-PANEL FRONT; V-220EF, HIPS 94HB, - | V-220FF |
| | BY730551 BY730552 | AC97-00685A AC97-00685B | ASSY-PANEL FRONT;V-430UK/TSB,HIPS94HB,GR ASSY-PANEL FRONT;V-230UK/TSB,HIPS94HB,GR | V-430UK V-230UK |
| | BY730553 | AC97-00685C | ASSY-PANEL FRONT; V-220UK/TSB, HIPS94HB, GR | V-220UK |
| | BY730554 | AC97-00685D | ASSY-PANEL FRONT; V-210UK/TSB, HIPS94HB, GR | V-210UK |
| | BY730555 | AC97-00685E | ASSY-PANEL FRONT; V-430EG/TSB, HIPS94HB, 87 | V-430EG |
| | BY730556 | AC97-00685F | ASSY-PANEL FRONT; V-230EG/TSB, HIPS94HB, 87 | V-230EG |
| | BY730557 BY730560 | AC97-00685G AC97-00685N | ASSY-PANEL FRONT;V-210EG/TSB,HIPS94HB,87 ASSY-PANEL FRONT;HIPS94HB,V-420W/TSB,874 | V-210EG V-420W |
| | BY730558 | AC97-00685H | ASSY-PANEL FRONT; V-410W/TSB, HIPS94HB, GRA | V-410W |
| | BY730561 | AC97-00685P | ASSY-PANEL FRONT; HIPS94HB, V-220W/TSB, 87 | V-220W |
| | BY730559 | AC97-00685J | ASSY-PANEL FRONT; V-210W/TSB, HIPS94HB, GRA | V-210W |
| 21 | BY730562 | AC64-00135H | DOOR-CASSETTE; -, ABS94HB BRN, -, -, -, SILVER | V-430EF |
| | BY730563 BY730461 | AC64-00135J AC64-00135K | DOOR-CASSETTE;-,ABS94HB BRN,-,-,-,SILVER DOOR-CASSETTE;-,ABS94HB BRN,-,-,-,SILVER | V-230EF V-220EF |
| | BY730568 | AC64-52175T | DOOR-CASSETTE;-,ABS94HB,-,T2.5,-,BLK,-,V | V-430UK |
| | BY730569 | AC64-52175U | DOOR-CASSETTE;-,ABS94HB,-,T2.5,-,BLK,-,V | V-230UK |
| | BY730570 | AC64-52175V | DOOR-CASSETTE;-,ABS94HB,-,T2.5,-,BLK,-,V | V-220UK |
| | BY730571 | AC64-52175W | DOOR-CASSETTE;-,ABS94HB,-,T2.5,-,BLK,-,V | V-210UK |
| | BY730572 BY730573 | AC64-52175X AC64-52175Y | DOOR-CASSETTE;-,ABS94HB,-,T2.5,-,BLK,-,V DOOR-CASSETTE;-,ABS94HB,-,T2.5,-,BLK,-,V | V-430EG V-230EG |
| | BY730574 | AC64-52175Z | DOOR-CASSETTE;-,ABS94HB,-,T2.5,-,BLK,-,V | V-210EG |
| | BY730566 | AC64-00310F | DOOR-CASSETTE;-,ABS94HB,-,T2.5,-,BLK,-,V | V-420W |
| | BY730564 | AC64-00310A | DOOR-CASSETTE;-,ABS94HB,-,T2.5,-,BLK,-,V | V-410W |
| | BY730567 | AC64-00310G | DOOR-CASSETTE;-,ABS94HB,-,T2.5,-,BLK,-,V | V-220W |
| 22 | BY730565 BY730093 | AC64-00310B AC61-62032A | DOOR-CASSETTE;-,ABS94HB,-,T2.5,-,BLK,-,V SPRING-MASK;X-9,-,SUS,-,4.4,-,SV-C130 | V-210W ALL Models |
| 101 | BY730313 | AC64-30899C | CABINET-TOP-ASSY;-,PCM(SECC),-,0.525,380 | V-430EF/230EF/220EF |
| | BY730313 | AC64-30899B | CABINET-TOP;V-629G/TSB,PCM MD552,SECC,T0 | V-430UK/230UK/220UK/210UK |
| | BY730314 | AC64-30899D | CABINET-TOP-ASSY;-,PCM(SECC),-,0.525,380 | V-430EG/230EG/210EG |
| | BY730314 BY730312 | AC64-30899D AC64-30899B | CABINET-TOP-ASSY;-,PCM(SECC),-,0.525,380 CABINET-TOP;V-629G/TSB,PCM MD552,SECC,T0 | V-420W/220W V-410W/210W |
| 102 | BY730280 | AC63-32128A | COVER-BOTTOM;SV-C140F,SECC,387.7X197.6,T | ALL Models |
| | 250200 | | | |

| Loc.No. | TSB Parts No. | Reference No. | Description , Specification | Remark |
|------------------|----------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| 153 | 70790218 | AC60-12126A | SCREW-BH;-,BH,-,4*12,FE,FZY,-,-,- | ALL Models |
| 155 | 70790082 | AC60-12134A | SCREW-TAP BH;-,BH,-2-4X16,-,FE | ALL Models |
| 156 | BY730204 | AC60-00001A | SCREW-MACHINE;-,BH,*,4X12,M4,L12,BLK,SMC | ALL Models |
| 157 | 70790002 | AC60-10063A | SCREW-TAPTITE;BH,+,-,M3,L12,ZPC3,SWRCH18 | ALL Models |
| 200 | BY634124 | AC39-10019A | POWER CORD; KKP-419C, H03VVH2-F, VDE/KEMA-K | "EF/EG/W" MODEL Only |
| CNIGATO | BY634126 | AC39-12022K | POWER-CORD;Y352160,H03VVH2-F,-,BS6500,1. | "UK" MODEL Only |
| CN3A1S CN602A | BY634118 BY634007 | 3809-001111 3809-001049 | CABLE-FLAT;30V,80C,130mm,7P,1.25mm,UL289 | ALL Models |
| LD601S | BY730082 | AC61-21009A | CABLE-FLAT;30V,80C,100MM,5P,1.25MM,UL289 HOLDER-LED:-,POM(M90-44),-,BLK,X-9 | ALL Models |
| S601S | BY730080 | AC61-21003A AC61-21008A | HOLDER-SENSOR;-,POM(M90-44),-,BLK,-,X-9 | ALL Models ALL Models |
| S602S | BY730080 | AC61-21008A | HOLDER-SENSOR;-,POM(M90-44),-,BLK,-,X-9 | ALL Models ALL Models |
| TM401B | BY730222 | AC61-11061D | CONNECTOR BOARD-ASSY;V-629B/TSB,HIPS94,H | V-430EF/230EF/220EF |
| | BY730224 | AC61-11061F | CONNECTOR BOARD-ASSY;V-429B/TSB,HIPS94,H | V-430UK/230UK.220UK |
| | BY730225 | AC61-11061G | CONNECTOR BOARD-ASSY;V-209B/TSB,HIPS94,H | V-210UK |
| | BY730223 | AC61-11061E | CONNECTOR BOARD-ASSY;V-429G/TSB,HIPS94,H | V-430EG/230EG/210EG |
| | BY730223 | AC61-11061E | CONNECTOR BOARD-ASSY;V-429G/TSB,HIPS94,H | V-420W/410W |
| | BY730225 | AC61-11061G | CONNECTOR BOARD-ASSY;V-209B/TSB,HIPS94,H | V-220W/210W |
| - MEC | HANICAL P | PARTS - | | |
| B238 | BY730087 | AC61-50660A | SLEEVE-TENSION;-,POM M90-44,-,-,ID3,-,-, | |
| B239 | BY730234 | AC61-21004A | CAP-#8 GUIDE;-,POM M90-44,-,NTR,-,X-9 | |
| B257 | BY730247 | AC61-50661A | POST-MAIN PCB;-,POM M90-44,-,-,NTR,-,X-9 | |
| B258 | BY730266 | AC61-50684A | GUIDE-MAIN PCB;-,POM,OD7,L20,-,BLACK,X-9 | |
| B410 B440 | BY730456 BY730072 | AC31-12016D AC60-10515A | MOTOR-LOADING ASSY;-,SNHNE,-,- SCREW-MACHINE;-,PH,+,-,M3,L3,ZPC,-,YEL | |
| B444 | BY730104 | AC66-20571A | GEAR-WORM;-,POM SW-01,0.5,2,-,4.5,X-9 | |
| B446 | BY730079 | AC61-21005A | HOLDER-WORM;-,POM M90-44,-,-,-,X-9 | |
| B448 | BY730105 | AC66-20573A | GEAR-WORM WHEEL;-,POM SW-01,0.6,11,-,6.6 | |
| B452 | BY730107 | AC66-20575A | GEAR-FL CAM;-,POM SW-01,M0.6,Z88,-,PCD58 | |
| B456 | BY730108 | AC66-20576A | GEAR-JOINT 1;-,POM SW-01,M1.0,Z22,-,PCD2 | |
| B458 | BY730106 | AC66-20574A | GEAR-JOINT 2;-,POM SW-01,M1.0,Z14,-,PCD1 | |
| B460 | BY730447 | AC61-11045A | BRACKET-GEAR;-,SECC20/20,-,T1.2,-,-,X-9 | |
| B462 B464 | BY730073 BY730381 | AC60-10517A AC66-80140A | SCREW-TAP TITE;-,PH,+,-,M2.6,L5,ZPC,-,YE | |
| B468 | BY730450 | AC66-30541A | SLIDER-CAM;-,SECC20/20,T1.2,-,-,X-9 LEVER-PINCH DR ASSY;-,-,-,-,X-9 | |
| B473 | BY730090 | AC61-60559A | SPRING-PINCH DRIVE;-,TS,SUS304,PI0.5,OD4 | |
| B474 | BY730244 | AC61-30180A | PLATE-JOINT;-,SECC20/20,T0.8,-,X-9 | |
| B478 | BY730449 | AC66-30540A | LEVER-TENS DR ASSY;-,-,-,-,X-9 | |
| B484 | BY730110 | AC66-20580A | GEAR-LOADING DRIVE;-,POM SW-01,M1.0,Z32, | |
| B488 | BY730117 | AC66-30543A | LEVER-S LOAD ASSY;-,-,-,-,X-9 | |
| B500 | BY730116 | AC66-30542A | LEVER-T LOAD ASSY;-,-,-,-,X-9 | |
| B560 | BY730455 | AC31-00005A | MOTOR-CAPSTAN;-,F2QSB02,-,- | |
| B570 G001 | BY730071 BY730548 | AC60-10514A AC97-00564A | SCREW-CAPSTAN;-,PH,+,M2.6,L6,- ASSY-CYLINDER;CX-9T,SECAM,4HD | V 420EE |
| 0001 | BY730470 | AC97-00547A | ASSY-CYLINDER;CX-91,3ECAM,4HD | V-430EF V-230EF/220EF |
| | BY730546 | AC97-00549A | ASSY-CYLINDER, CX-9T, PAL, 4HD | V-430UK/430EG/420W/410W |
| | BY730547 | AC97-00555A | | 210UK/230EG/210EG/220W/210W |
| G420 | BY730124 | AC66-80142A | SLIDER-SUPPLY ASSY;-,X-9(TS),-,-,-,X-9 | |
| G428 | BY730451 | AC66-40153A | ROLLER-SUPPLY ASSY;-,VW-32,OD7,-,X-9 | |
| G450 | BY730123 | AC66-80141A | SLIDER-TAKE UP ASSY;-,X-9(TS),-,-,X-9 | |
| G458 | BY730452 | AC66-40154A | ROLLER-TAKE UP ASSY;-,VW-32,OD7,-,X-9 | |
| G480 | BY730052 | AC33-00003A | HEAD-ACE-ASSY;SHINHEUNG,-,-,-,X-9 | |
| G510 G520 | BY730479 BY730115 | 6006-001075 AC66-30539A | SCREW-ASS'Y TAPT;WSP,PH,+,M2.6,L5.0,ZPC(LEVER-#9 GUIDE ASSY;-,X-9(TS),-,-,-,X-9 | |
| G527 | BY730088 | AC61-60553A | SPRING-#9 GUIDE;-,ES,SUS304-WPB,OD3.1,0. | |
| G530 | BY730053 | AC33-00002A | HEAD-FE;-,HVFHP0038A,-,-,-,X-9 | |
| G532 | BY730075 | AC60-10519A | SCREW-TAP TITE;-,PH,+,-,M2.6,L8,ZPC | |
| G542 | BY730122 | AC66-60051A | BELT-PULLEY;-,5CM-70,2 * 2,-,71.3,-,X-9 | |
| G546 | BY730113 | AC66-30535A | LEVER-FL DOOR;-,POM M90-44,-,-,BLK,X-9 | |
| G555 | BY730070 | ACSS-90403A | UNIT-PINCH ASSY;X-9,- | |
| G680 K110 | BY730372 BY730102 | AC66-30557A AC66-10267A | LEVER-H/CLEANER ASSY;-,POM+URETHANE,-,-, | |
| K110 K140 | BY730102 BY730103 | AC66-10268A | REEL-DISK S;-,POM M90-44,-,-,X-9 REEL-DISK T;-,POM M90-44,-,-,X-9 | |
| K180 | BY730369 | AC66-30548A | LEVER-IDLER ASSY:-,POM+NYLON,-,-,-,X-9 | |
| K182 | BY730112 | AC66-30524A | LEVER-IDLER;-,POM9044,-,-,- | |
| K188 | BY730109 | AC66-20577A | GEAR-IDLER;-,PEBAX 7033,-,-,-,X-9 | |
| K200 | BY730084 | AC61-21012A | HOLDER-CLUTCH ASSY;-,-,-,X-9 | |
| K221 | BY730111 | AC66-20581A | GEAR-CENTER ASSY;-,POM,M=0.5,-,HIGHT T., | |
| K222 | BY730076 | AC60-30306A | WASHER-SLIT;-,-,ID2.1,OD5.0,T0.5,-,POLYS | |
| K225 K240 | BY730119 BY730114 | AC66-30547A AC66-30538A | LEVER-UP DOWN ASSY;-,POM+SUS,-,-,X-9 LEVER-TENSION ASSY;-,X-9(TS),-,-,X-9 | |
| K240 K248 | BY730114 BY730089 | AC61-60554A | SPRING-TENSION LEVER;-,ES,SUS304-WPB,OD3 | |
| K250 | BY730089 BY730094 | AC63-12029A | BAND-BRAKE ASSY;-,X-9(TS),-,-,-,X-9 | |
| K330 | BY730121 | AC66-30550A | LEVER-S.BRAKE ASSY;-,POM+SUS,-,-,-,X-9 | |
| K340 | BY730120 | AC66-30549A | LEVER-T.BRAKE ASSY;-,POM+SUS,-,-,-,X-9 | |
| K350 | BY730092 | AC61-60564A | SPRING-BRAKE;-,TENSION,SWP-A,0.25,3,-,X- | |
| K470 | BY730454 | AC66-80139A | SLIDER-FL DRIVE;-,SECC E20/20,T1.2,-,-,X | |
| K490 | BY730083 | AC61-21010B | HOLDER-CASS ASSY;-,SECC+POM+SUS,-,-,SEIN | |
| K502 | BY730091 | AC61-60561A | SPRING-FL.LEVER-LR;-,ES,SUS304 WPB,PI2.7 | |
| | | | | |

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| Loc.No. | TSB Parts No. | Reference No. | Description ; Specification | Remark |
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| K530 K546 | BY730118 BY730086 | AC66-30546A AC61-50658A | LEVER-FL.ARM ASS'Y;-,SECC+POM+SUS,-,-,-, GUIDE-CASS. DOOR;-,POM M90-44,-,-,NTR,-, | |
| - FLFC | TRICAL PA | RTC _ | | |
| 701 702 | BY630116 BY630127 BY630089 BY630119 BY630120 BY630121 BY630123 BY630122 BY630117 BY630118 BY630126 BY630090 BY630099 BY6300113 BY630125 | AC92-00308A AC92-00555A AC92-00309A AC92-00315A AC92-00316A AC92-00317A AC92-00319A AC92-00318A AC92-00311A AC92-00312A AC92-00342A AC92-00325A AC92-00325A AC92-00509A AC92-00429A | ASSY-PCB-MAIN;V-430EF/TSB,MONO ASSY PCB-MAIN;V-230EF/TSB,MONO ASSY-PCB-MAIN;V-220EF/TSB,MONO ASSY-PCB-MAIN;V-230UK/TSB,MONO ASSY-PCB-MAIN;V-230UK/TSB,MONO ASSY-PCB-MAIN;V-230UK/TSB,MONO ASSY-PCB-MAIN;V-210UK/TSB,MONO ASSY-PCB-MAIN;V-230EG/TSB,MONO ASSY-PCB-MAIN;V-230EG/TSB,MONO ASSY-PCB-MAIN;V-210EG/TSB,MONO ASSY-PCB-MAIN;V-210W/TSB,MONO ASSY-PCB-MAIN;V-210W/TSB,MONO ASSY-PCB-VFD-AVLINK;V-430EF/TSB,VFD AVLI ASSY-PCB-VFD-ONI;V-610EF/TSB,VFD-ONI; ASSY-PCB-VFD-AVLINK;V-730EF/TSB,VFD-ONI; ASSY-PCB-VFD-VFD-TODEF/TSB,VFD-ONI;TS V-2 ASSY-PCB-F/AV-MONO;V-430EF/TSB,F/AV MONO | V-430EF V-230EF V-220EF V-430UK V-230UK/220UK V-210UK V-430EG V-230EG V-210EG V-420W/410W V-220W/210W V-430EF/230EF V-220EF V-430UK/230UK/220UK/430EG/230EG 10UK/210EG/420W/410W/220W/210W V-430EF/230EF |
| | BY630065 BY630079 | AC92-00033A AC92-00101A | ASSY-OPT PCB-MAIN;CBC FRONT,TSB PAL COBR ASSY-PCB-SUB;V-429F/TSB,CBC3 | V-430UK/230UK/220UK/430EG/230EG |
| | B1030073 | AC32-00101A | A331-1 CD-30D, V-423F/ 13B, CDC3 | V-420W/410W/220W/210W |
| | RATED CIRCUIT | | IO DIAMA GONTDOUED OTD COSSA TO COSSA | |
| IC1SF1 IC1SS1 | BY631087 BY530004 | 1203-001802 0604-001028 | IC-PWM CONTROLLER;STR-G6551,TO-220F,5P,- PHOTO-COUPLER;TR,50-600%,250mW,DIP-4,ST | |
| IC1SS2 | BY631008 | AC14-12006D | IC;KA431Z,TO-92,TAPING | \triangle |
| IC301 IC3S01 | BY631049 BY631062 | 1204-001649 1204-001437 | IC-VIDEO PROCESS;LA71598M,QFP,100P,-,PLA IC-CHROMA;LA7359,DIP,28P,400MIL.PLASTIC. | "EF" Models Only |
| IC601 | BY631092 | AC09-00109A | IC-MICOM;uPD784927GF-155-3BA,784927GF-1 | El Wodels Offly |
| IC602 IC604 | BY631022 70795269 | 1003-001162 AC14-12006C | IC-MOTOR DRIVER;KA3082,SIP,10PIN,25MIL,D IC;KA7533,DIP,- | |
| IC605 | BY631082 | 1103-001150 | IC-EEPROM;24C081,8KBIT,DIP,8P,300MIL,10M | |
| IC608 IC6P01 | BY631059 BY631068 | 1203-000515 | IC-VOL. DETECTOR;7042,TO-92,3P,177MIL,PL | |
| IC6P01 | BY631066 | AC09-12014Z AC09-10459G | IC-MCU;LC74776M,30P,MFP,OSD/VPS/PDC | V-220EF/210UK Only |
| IC6P01 | BY631100 | AC09-00115A | IC-OSD;LC74759JM-9792,LC74759JM-9792, | "W" Models Only |
| IC701 IC801 | BY631094 BY631064 | AC09-00092A 1205-001484 | IC MCU;uPD780232GC-014-8BT,uPD780232G IC-SWITCH;LA7147M,SOP,36PIN,375MIL,PLAST | V-220W/210W/210UK Not used |
| 10001 | B1031004 | 1200 001404 | 10-3W11011,EA7147W1,301,301 HV,373WIL,1 EA31 | V-220VV/210VV/2100K Not used |
| < TRANS Q1P101 | <i>ISTORS></i> 70693265 | 0501-000616 | TR-SMALL SIGNAL;KSC2328A-Y,NPN,1W,TO-92L | |
| Q1P102 | 70693265 | 0501-000616 | TR-SMALL SIGNAL, KSC2328A-Y, NPN, TW, TO-92L | |
| Q1P104 | 70693410 | 0501-000610 | TR-SMALL SIGNAL;KSA928A-Y,PNP,1W,TO-92L, | |
| Q1P105 Q1P106 | 70795137 70795142 | 0504-000116 0501-000442 | TR-DIGITAL;KSR1001,NPN,300MW,4.7K/4.7K,T TR-SMALL SIGNAL;KTC3203-Y,NPN,400MW,T0-9 | |
| Q1P107 | 70795818 | 0501-000290 | TR-SMALL SIGNAL;KSA643-Y,PNP,500mW,T0-92 | |
| Q1P110 | 70795137 | 0504-000116 | TR-DIGITAL;KSR1001,NPN,300MW,4.7K/4.7K,T | |
| Q1P111 Q1P112 | 70693084 70795818 | 0504-000142 0501-000290 | TR-DIGITAL;KSR2001,PNP,300MW,4.7K/4.7K,T TR-SMALL SIGNAL;KSA643-Y,PNP,500mW,T0-92 | |
| Q1P114 | 70693265 | 0501-000616 | TR-SMALL SIGNAL;KSC2328A-Y,NPN,1W,TO-92L | |
| Q1P115 Q1P116 | 70693084 70795136 | 0504-000142 0501-000398 | TR-DIGITAL;KSR2001,PNP,300MW,4.7K/4.7K,T TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T | |
| Q1P117 | 70795142 | 0501-000330 | TR-SMALL SIGNAL;KTC3203-Y,NPN,400MW,T0-9 | |
| Q302 Q303 | 70795134 | 0501-000303 | TR-SMALL SIGNAL; KSA733, PNP, 250mW, TO-92, T | |
| Q304 | 70795136 70795136 | 0501-000398 0501-000398 | TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T | |
| Q307 | BY530014 | 0504-000119 | TR-DIGITAL;KSR1004,NPN,300MW,47K V-220\ | W/210W/230UK/220UK/210UK/230EG/210EG Only |
| Q308 Q309 | 70795136 70795136 | 0501-000398 0501-000398 | TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T | |
| Q3A01 | 70795134 | 0501-000303 | TR-SMALL SIGNAL;KSA733,PNP,250mW,TO-92,T | |
| Q3A03 Q3A04 | 70795142 70795142 | 0501-000442 0501-000442 | TR-SMALL SIGNAL;KTC3203-Y,NPN,400MW,T0-9 TR-SMALL SIGNAL;KTC3203-Y,NPN,400MW,T0-9 | |
| Q3A05 | 70795142 | 0501-000442 | TR-SMALL SIGNAL;KTC3203-1;NFN,400MW,T0-9 | |
| Q3A06 | 70795134 | 0501-000303 | TR-SMALL SIGNAL;KSA733,PNP,250mW,TO-92,T | #55# 1. |
| Q3S01 Q3S02 | 70795134 70795136 | 0501-000303 0501-000398 | TR-SMALL SIGNAL;KSA733,PNP,250mW,T0-92,T TR-SMALL SIGNAL;KSC945,NPN,250mW,T0-92,T | "EF" Models Only "EF" Models Only |
| Q3S03 | 70693084 | 0504-000142 | TR-DIGITAL;KSR2001,PNP,300MW,4.7K/4.7K,T | "EF" Models Only |
| Q3S04 Q3S05 | 70795136 70795136 | 0501-000398 0501-000398 | TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T | "EF" Models Only "EF" Models Only |
| Q602 | 70795136 | 0501-000398 | TR-SMALL SIGNAL, KSC945, NPN, 250mW, TO-92, T | Li Models Offly |
| Q6B01 | 70795136 70795136 | 0501-000398 | TR-SMALL SIGNAL-KSC945,NPN,250mW,T0-92,T | V-430UK/230UK/220UK/430EG/230EG Only |
| Q6B03 Q6B04 | 70795136 70795136 | 0501-000398 0501-000398 | TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T | V-430UK/230UK/220UK/430EG/230EG Only V-430UK/230UK/220UK/430EG/230EG Only |
| Q6P01 | 70795134 | 0501-000303 | TR-SMALL SIGNAL;KSA733,PNP,250mW,TO-92,T | |
| Q6P02 Q6P03 | 70795134 70795134 | 0501-000303 0501-000303 | TR-SMALL SIGNAL;KSA733,PNP,250mW,T0-92,T TR-SMALL SIGNAL;KSA733,PNP,250mW,T0-92,T | |
| Q701 | 70693084 | 0504-000142 | TR-SMALL SIGNAL;KSA733,PNP,250mVV,TO-92,T TR-DIGITAL;KSR2001,PNP,300MW,4.7K/4.7K,T | |
| Q802 | BY530014 | 0504-000119 | TR-DIGITAL;KSR1004,NPN,300MW,47K/47K,TO- | V-210UK/220W/210W Only |

| Loc.No. | Loc.No. TSB Parts No. Reference No. Description; Specification Remark | | | | |
|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------|--------------------------------|--|
| Q804 S601 S602 | 70693084 BY530003 BY530003 | 0504-000142 0603-001011 0603-001011 | TR-DIGITAL;KSR2001,PNP,300MW,4.7K/4.7K,T PHOTO-TR;NPN,35V,6V,50mA,75mW,BK PHOTO-TR;NPN,35V,6V,50mA,75mW,BK | V-210UK/220W/210W Only | |
| <diodes< td=""><td>S></td><td></td><td></td><td></td></diodes<> | S> | | | | |
| D1P101 | 70795150 | 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | | |
| D1P103 | 70796385 | 0402-000127 | DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP | | |
| D1P105 D1P108 | 70796385 70796385 | 0402-000127 0402-000127 | DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP | | |
| D1P109 | 70795150 | 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | | |
| D1P110 | 70795150 | 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | | |
| D1P111 | 70795150 | 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | | |
| D1P113 D1P114 | 70796385 70795150 | 0402-000127 0401-000101 | DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | V-220W/210W/210UK Not used | |
| D1P115 | 70795150 | 0401-000101 | DIODE-SWITCHING, 1N4148, 100V, 200mA, DO-35, DIODE-SWITCHING; 1N4148, 100V, 200mA, DO-35, | v-zzovv/z lovv/z look Not useu | |
| D1P117 | 70795150 | 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | | |
| D1P119 D1P120 | 70796385 70796385 | 0402-000127 | DIODE-RECTIFIER:1N4002,100V,1A,DO-41,TP | | |
| D1P120 | 70795150 | 0402-000127 0401-000101 | DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | | |
| D1SD11 | BY430011 | 0402-001195 | DIODE-RECTIFIER;F1T4,400V,1.0A,TS-1,TP | | |
| D1SD31 | BY430011 | 0402-001195 | DIODE-RECTIFIER;F1T4,400V,1.0A,TS-1,TP | | |
| D1SD32 D1SF05 | BY430011 BY430012 | 0402-001195 0402-001196 | DIODE-RECTIFIER;F1T4,400V,1.0A,TS-1,TP | | |
| D1SF03 | BY430012 | 0402-001196 | DIODE-RECTIFIER;1T5,600V,1A,TS-1,TP DIODE-RECTIFIER;F1T4,400V,1.0A,TS-1,TP | | |
| D1SS01 | BY430012 | 0402-001196 | DIODE-RECTIFIER;1T5,600V,1A,TS-1,TP | | |
| D1SS02 | BY430012 | 0402-001196 | DIODE-RECTIFIER;1T5,600V,1A,TS-1,TP | | |
| D1SS03 D1SS04 | BY430012 BY430012 | 0402-001196 0402-001196 | DIODE-RECTIFIER;1T5,600V,1A,TS-1,TP DIODE-RECTIFIER;1T5,600V,1A,TS-1,TP | | |
| D13304 | BY430008 | 0402-001190 | DIODE-RECTIFIER; UF4007, 1KV, 1A, DO-41, TP | | |
| D1SS31 | BY430011 | 0402-001195 | DIODE-RECTIFIER;F1T4,400V,1.0A,TS-1,TP | | |
| D1SS32 | BY430010 | 0402-001194 | DIODE-RECTIFIER; UG2D, 200V, 2A, DO-204AC, TP | | |
| D1SS33 D1SS44 | BY430065 BY430011 | 0404-001069 0402-001195 | DIODE-SCHOTTKY;B10A45VI,45V,10A,TO-220IS DIODE-RECTIFIER;F1T4,400V,1.0A,TS-1,TP | | |
| D302 | 70795150 | 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | | |
| D3S02 | 70795150 | 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | "EF" Models Only | |
| D401 | 70796385 | 0402-000127 | DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP | | |
| D603 D604 | 70795150 70795150 | 0401-000101 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | | |
| D605 | 70796385 | 0402-000127 | DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP | | |
| D611 | 70796385 | 0402-000127 | DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP | | |
| D620 | 70796385 | 0402-000127 | DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP | | |
| D701 D702 | 70795150 70795150 | 0401-000101 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | | |
| D702 | BY430014 | 0403-001141 | DIODE-ZENER;MTZJ24D,24V,23.63-24.85V,500 | | |
| D703 | 70795150 | 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | | |
| D704 D705 | 70795150 70795150 | 0401-000101 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | | |
| D706 | 70795150 | 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | | |
| D706 | BY430004 | 0403-000509 | DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500 | | |
| D707 | 70795150 | 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | | |
| D708 D709 | 70795150 70795150 | 0401-000101 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | | |
| D805 | 70795150 | 0401-000101 | DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | | |
| LD601 | BY430016 | 0601-000517 | LED-IR;RECTANGULA,4x6.0mm,75mW,6V,950 | | |
| LD703 | BY430066 70795150 | 0601-001201 0401-000101 | LED;ROUND,RED,3mm,635nm DIODE-SWITCHING;1N4148,100V,200mA,DO-35, | | |
| W167 W532 | 70795150 70795150 | 0401-000101 | DIODE-SWITCHING; 1N4148, 100V, 200mA, DO-35, DIODE-SWITCHING; 1N4148, 100V, 200mA, DO-35, | | |
| ZD1P01 | BY430015 | 0403-001211 | DIODE-ZENER;MTZJ12B,11.44-12.03V,500MW,D | | |
| ZD1P02 | BY430005 | 0403-000717 | DIODE-ZENER;MTZJ5.1B,5.1V,4.94-5.2V,500m DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500 | | |
| ZD1P03 ZD1P06 | BY430013 BY430015 | 0403-000720 0403-001211 | DIODE-ZENER;M1ZJ9.18,9.17,8.57-9.017,500 DIODE-ZENER;MTZJ12B,11.44-12.03V,500MW,D | V-220W/210W/210UK Not used | |
| ZD401 | 70795272 | 0403-000390 | DIODE-ZENER;UZP33B,33V,31.4-34.6V,1W,DO- | ,, | |
| -INDUC | TOPC | | | | |
| <induct bd1sd1<="" td=""><td>70795644</td><td>AC27-92001M</td><td>INDUCTOR;70UH-M RT BFS3565R2F,-,-,-</td><td></td></induct> | 70795644 | AC27-92001M | INDUCTOR;70UH-M RT BFS3565R2F,-,-,- | | |
| BD1SF1 | 70795644 | AC27-92001M | INDUCTOR;70UH-M RT BFS3565R2F,-,-,- | | |
| BD1SF3 | 70795644 | AC27-92001M | INDUCTOR;70UH-M RT BFS3565R2F,-,-,- | | |
| BD1SR1 BD1SS2 | BY330003 70795644 | 3301-000297 AC27-92001M | CORE-FERRITE BEAD;AA,3.6x1.2x5.7mm,1400, INDUCTOR;70UH-M RT BFS3565R2F,-,-,- | | |
| BD1SS3 | 70795644 | AC27-92001M | INDUCTOR;70UH-M RT BFS3565R2F,-,-,- | | |
| FL3A01 | BY330004 | AC27-80100A | COIL-OSC;126QN-K5272YHC=K,-,AM | | |
| L1SS02 L1SS31 | BY634272 70796213 | AC29-00002A AC27-12001N | FILTER LINE NOISE;-,30mH,-,-,BLF-2116 COIL-CHOKE;10UH-15%,RA,K-30,Q80,150KHZ,- | Δ | |
| L1SS32 | 70796213 | AC27-12001N | COIL-CHOKE;10UH-15%,RA,K-30,Q80,150KHZ,- | _ | |
| L301 | 70795841 | 2701-000206 | INDUCTOR-AXIAL;56uH,5%,2.4x3.4mm | | |
| L302 L304 | 70796003 70796003 | 2702-000106 2702-000106 | INDUCTOR-RADIAL;100uH,10%,6.2x7.4mm INDUCTOR-RADIAL;100uH,10%,6.2x7.4mm | | |
| L305 | 70796003 | 2702-000108 | INDUCTOR-RADIAL;100uH,10%,6.2x7.4mm | | |
| L306 | 70796361 | 2701-000119 | INDUCTOR-AXIAL;120uH,5%,2.4x3.4mm | | |
| | | | | | |

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| Loc.No. | TSB Parts No. | Reference No. | Description ; Specification | Remark |
|------------------------------------------------------------------------|----------------------|----------------------------|-----------------------------------------------------------------------------|------------------------------------------------|
| L310 | 70796003 | 2702-000106 | INDUCTOR-RADIAL;100uH,10%,6.2x7.4mm | |
| L3A01 | 70795171 | 2702-000120 | INDUCTOR-RADIAL:15mH,5%,6.2x7.4mm | |
| L3A02 | BY330009 | 2701-000002 | INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm | |
| L3A03 | 70796003 | 2702-000106 | INDUCTOR-RADIAL;100uH,10%,6.2x7.4mm | |
| L3S01 | 70796003 | 2702-000106 | INDUCTOR-RADIAL;100uH,10%,6.2x7.4mm | "EF" Models Only |
| L3S02 | 70795863 | 2702-000179 | INDUCTOR-RADIAL;6.8uH,5%,6x6.4mm | "EF" Models Only |
| L3S03 | BY330052 | 2701-000165 | INDUCTOR-AXIAL;27uH,5%,2.4x3.4mm | "EF" Models Only |
| | 70795843 | 2701-000103 | INDUCTOR-AXIAL;47uH,5%,2.4x3.4mm | "EF" Models Only |
| L3S04 | | 2701-000193 | INDUCTOR-AXIAL; 22uH, 5%, 2.4x3.4mm | "EF" Models Only |
| L3S05 | 70795162 | 2701-000100 | INDUCTOR-AXIAL,22011,3 %,2:4x3.411111 INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm | 2 |
| L401 | BY330009 | 2701-000002 | INDUCTOR-AXIAL; 100uH, 10%, 4.2x9.8mm | |
| L601 | BY330009 | | INDUCTOR-AXIAL, 1000H, 10 %,4.2X9.8mm | |
| L603 | BY330009 | 2701-000002 | | |
| L604 | BY330009 | 2701-000002 | INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm | |
| L605 | BY330009 | 2701-000002 | INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm | V-430UK/230YK/220UK/430EG/230EG Only |
| L6B01 | BY330009 | 2701-000002 | INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm | V-4300K/2301K/2200K/430Ed/230Ed Offiy |
| L6P03 | 70795162 | 2701-000160 | INDUCTOR-AXIAL;22uH,5%,2.4x3.4mm | |
| L6P04 | BY330054 | 2701-000201 | INDUCTOR-AXIAL;5.6uH,5%,2.4x3.4mm | |
| L6P05 | BY330052 | 2701-000165 | INDUCTOR-AXIAL;27uH,5%,2.4x3.4mm | / 420FF/220FF/420\A//410\A//220\A//210\A/ Oply |
| L701 | BY330053 | 2701-000181 | | V-430EF/230EF/420W/410W/220W/210W Only |
| L.702 | BY330009 | 2701-000002 | INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm | V 000VAV/010VAV/010VV NI-+ |
| L801 | BY330009 | 2701-000002 | INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm | V-220W/210W/210UK Not used |
| L802 | BY330009 | 2701-000002 | INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm | V-220W/210W/210UK Not used |
| L803 | BY330053 | 2701-000181 | INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm | |
| L804 | BY330053 | 2701-000181 | INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm | |
| L805 | BY330053 | 2701-000181 | | V-220W/210W/430UK/230UK/220UK/210UK Not used |
| L806 | BY330053 | 2701-000181 | | V-220W/210W/430UK/230UK/220UK/210UK Not used |
| L807 | BY330053 | 2701-000181 | INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm | |
| L808 | BY330053 | 2701-000181 | INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm | |
| L809 | BY330053 | 2701-000181 | INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm | |
| L810 | BY330053 | 2701-000181 | INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm | |
| L811 | BY330053 | 2701-000181 | INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm | V-220W/210W/210UK Not used |
| L812 | BY330053 | 2701-000181 | INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm | V-220W/210W/210UK Not used |
| L813 | 70795644 | AC27-92001M | INDUCTOR;70UH-M RT BFS3565R2F,-,-,- | |
| L814 | 70795644 | AC27-92001M | INDUCTOR;70UH-M RT BFS3565R2F,-,-,- | |
| <capac< th=""><th></th><th>, (02, 0200</th><th></th><th></th></capac<> | | , (02, 0200 | | |
| C1P101 | BY130048 | 2401-002095 | C-AL;47uF,20%,25V,GP,TP,6.3x5,5mm | |
| C1P102 | BY130049 | 2401-002144 | C-AL:47uF.20%,16V,GP,TP,5x11,5 | |
| C1P103 | BY130042 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4x7,5 | |
| C1P104 | BY130136 | 2401-002299 | C-AL;4.7uF,20%,50V,GP,TP,5x7,5 | |
| C1P105 | BY130282 | 2401-003107 | C-AL,47uF,20%,16V,GP,TP,5x7,5 | |
| C1P106 | BY130282 | 2401-003107 | C-AL;47uF,20%,16V,GP,TP,5x7,5 | |
| C1P108 | BY130048 | 2401-002095 | C-AL;47uF,20%,25V,GP,TP,6.3x5,5mm | |
| C1P110 | BY130042 | 2401-000598 | C-AL:1uF.20%,50V,GP,TP,4x7,5 | |
| C1P114 | BY130042 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4×7,5 | |
| C1P114 | BY130042 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4x7,5 | |
| | BY130042 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4x7,5 | |
| C1P116 | BY130219 | 2201-000330 | C-CERAMIC,DISC;2.2nF,20%,400V,Y5U,BK,1 | 2 |
| C1SD03 | | | C-CERAMIC,DISC;2.2nF,20%,400V,Y5U,BK,1 | |
| C1SD04 | BY130219 | 2201-000812 | C-AL;47uF,20%,400V,GP,TP,18X31.5,7. | 2 , |
| C1SD11 | BY130283 | 2401-003302 | C-FILM, MPEF; 10nF, 10%, 630V, TP, 12x9x12.5,5 | |
| C1SD12 | BY130226 | 2305-001029 | C-CERAMIC,DISC;0.22nF,5%,50V,SL,TP,6.3x3 | |
| C1SD13 | 70795070 | 2201-000376 | C-AL;33uF,20%,50V,WT,TP,6.3x11,5 | , |
| C1SF12 | BY130296 | 2401-001200 | C-FILM,MPEF;100nF,20%,275V,TP,17.5x7x13 | |
| C1SS01 | BY130272 | 2305-001021 | C-FILM,MPEF;100nF,20%,275V,TF,17.5x7x13 | M |
| C1\$\$02 | BY130272 | 2305-001021 | C-CERAMIC,DISC;0.1nF,10%,1kV,Y5P,TP,7×4, | |
| C1SS12 | BY130258 | 2201-000129 | C-AL;10uF,20%,100V,GP,TP,6.3x11,5 | _ |
| C1SS31 | 70795431 | 2401-000385 2401-003046 | C-AL;47uF,20%,50V,WT,TP,6.3x11,2.5 | |
| C1SS32 | BY130281 | | | |
| C1SS33 | BY130251 | 2401-003477 | C-AL;330UF,20%,25V,LZ,TP,10X12.5MM, | |
| C1\$S34 | BY130338 | 2401-003478 | C-AL;100UF,20%,25V,LZ,TP,8X11.5MM,5 | |
| C1SS35 | BY130339 | 2401-003480 | C-AL;1000UF,20%,10V,LZ,TP,10X16MM,5 | |
| C1SS36 | BY130015 | 2401-001479 | C-AL;470uF,20%,10V,GP,-,-,TP | |
| C1SS37 | BY130281 | 2401-003046 | C-AL;47uF,20%,50V,WT,TP,6.3x11,2.5 | |
| C1SS38 | BY130015 | 2401-001479 | C-AL;470uF,20%,10V,GP,-,-,TP | |
| C1SS39 | 70796098 | 2301-000129 | C-FILM,PEF;100nF,5%,50V,TP,10X9X4.3X5,5r | |
| C1SS40 | 70796389 | 2301-000381 | C-FILM,PEF;10nF,5%,50V,TP,6.5x5.5x3mm,5r | II |
| C301 | 70795769 | 2401-001919 | C-AL;2.2UF,20%,50V,-,TP,4X7MM,5 | |
| C302 | BY130024 | 2301-000283 | C-FILM,PEF;47nF,5%,100V,TP,7.3X7X3.2X5,5 | 1 |
| C303 | BY130042 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4x7,5 | TD |
| C304 | 70795080 | 2202-000216 | C-CERAMIC, MLC-AXIAL, 027NF,5%,50V,SL, | |
| C305 | 70697011 | 2202-000164 | C-CERAMIC,MLC-AXIAL; 18NF,10%,50V,Y5F | |
| C306 | BY130263 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330pF,10%,50V,Y5I | |
| C307 | 70795076 | 2202-000162 | C-CERAMIC, MLC-AXIAL; .015NF,5%,50V,SL, | |
| C308 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S | , i r, |
| C309 | BY130042 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4x7,5 | |
| C310 | BY130273 | 2401-000414 | C-AL;10uF,20%,16V,GP,TP,4x7,5 | |
| | | | 101100 00 75 | |
| C311 | 70699092 | 2401-000918 | C-AL;22uF,20%,16V,GP,-,6.3x7,5 | D.T.D |
| C311 C312 | 70699092 BY130069 | 2401-000918 2202-000121 | C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5 | |
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| C314 | BY130278 | 2401-001775 | C-AL;470nF,20%,50V,GP,TP,4x7,5 | |
| C315 | BY130273 | 2401-000414 | C-AL;10uF,20%,16V,GP,TP,4x7,5 | |
| C316 | BY130167 | 2202-002055 | C-CERAMIC,MLC-AXIAL;47nF,+80-20%,50V,Y5V | |
| C318 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C320 | BY130042 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4x7,5 | |
| C321 | BY130273 | 2401-000414 | C-AL;10uF,20%,16V,GP,TP,4x7,5 | |
| C322 | BY130042 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4x7,5 | |
| C323 C324 | 70795075 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C325 | 70795075 | 2202-000797 2202-000797 | C-CERAMIC, MLC-AXIAL; 10NF, 30%, 16V, Y5S, TP, | |
| C326 | BY130027 | 2202-000797 | C-CERAMIC, MLC-AXIAL; 10NF,30%, 16V,Y5S,TP, | |
| C327 | BY130282 | 2401-003107 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V C-AL;47uF,20%,16V,GP,TP,5x7,5 | |
| C328 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C329 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C330 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL,10NF,30%,16V,Y5S,TP, | |
| C331 | BY130282 | 2401-003107 | C-AL;47uF,20%,16V,GP,TP,5x7,5 | |
| C332 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C333 C334 | BY130042 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4x7,5 | |
| C335 | 70693249 BY130042 | 2202-000807 2401-000598 | C-CERAMIC,MLC-AXIAL;22nF,+80-20%,25V,Y5V | |
| C336 | BY130042 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4x7,5 C-AL;1uF,20%,50V,GP,TP,4x7,5 | |
| C337 | 70693249 | 2202-000807 | C-CERAMIC,MLC-AXIAL;22nF,+80-20%,25V,Y5V | |
| C338 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C339 | BY130167 | 2202-002055 | C-CERAMIC,MLC-AXIAL;47nF,+80-20%,50V,Y5V | |
| C340 | 70693249 | 2202-000807 | C-CERAMIC,MLC-AXIAL,22nF,+80-20%,25V,Y5V | |
| C341 | BY130282 | 2401-003107 | C-AL;47uF,20%,16V,GP,TP,5x7,5 | |
| C342 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C343 C345 | BY130042 BY130260 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4x7,5 | |
| C346 | BY130282 | 2201-002031 2401-003107 | C-CERAMIC,DISC;0.005nF,0.5pF,50V,NP0,TP, | |
| C347 | BY130173 | 2202-000286 | C-AL;47uF,20%,16V,GP,TP,5x7,5 C-CERAMIC,MLC-AXIAL;56pF,5%,50V,SL,TP,1. | |
| C348 | BY130173 | 2202-000286 | C-CERAMIC,MLC-AXIAL;56pF,5%,50V,SL,TP,1. | |
| C349 | BY130265 | 2202-000849 | C-CERAMIC,MLC-AXIAL;18pF,5%,50V,CH,TP,3. | |
| C350 | 70795075 | 2202-000797 | C-CERAMIC, MLC-AXIAL; 10NF, 30%, 16V, Y5S, TP, | |
| C360 | BY130273 | 2401-000414 | C-AL;10uF,20%,16V,GP,TP,4x7,5 | V-430EF/230EF/420W/410W/220W/210W Only |
| C380 C381 | 70795616 | 2202-000243 | C-CERAMIC,MLC-AXIAL;33pF,5%,50V,SL,TP,3. | • |
| C390 | 70795075 BY130027 | 2202-000797 2202-002037 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C399 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C3A01 | 70795626 | 2401-003122 | C-AL;4.7uF,20%,50V,LL,TP,4X7,1.5 | |
| C3A02 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C3A04 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL,100nF,80-20%,50V,Y5V | |
| C3A07 | 70796389 | 2301-000381 | C-FILM,PEF;10nF,5%,50V,TP,6.5x5.5x3mm,5m | |
| C3A08 C3A09 | BY130041 BY130041 | 2301-001014 | C-FILM,PEF;6.8nF,5%,50V,TP,7x3x6,5mm | |
| C3A10 | BY130041 | 2301-001014 2301-000314 | C-FILM,PEF;6.8nF,5%,50V,TP,7x3x6,5mm C-FILM,PEF;8.2nF,5%,50V,TP,6.5x3.0x5.5mm | |
| C3A11 | BY130145 | 2301-000253 | C-FILM,PEF;39NF,5%,100V,TP,7.5X4.5X12.5M | |
| C3A12 | BY130282 | 2401-003107 | C-AL;47uF,20%,16V,GP,TP,5x7,5 | |
| C3A13 | BY130269 | 2301-000161 | C-FILM,PEF;12nF,5%,50V,TP,6.5X5.5X3.0X5, | |
| C3A14 | BY130041 | 2301-001014 | C-FILM,PEF;6.8nF,5%,50V,TP,7x3x6,5mm | |
| C3A15 C3A16 | 70796389 | 2301-000381 | C-FILM,PEF;10nF,5%,50V,TP,6.5x5.5x3mm,5m | |
| C3A10 | BY130136 70699092 | 2401-002299 2401-000918 | C-AL;4.7uF,20%,50V,GP,TP,5x7,5 | |
| C3A17 | 70795094 | 2301-000402 | C-AL;22uF,20%,16V,GP,-,6.3x7,5 C-FILM,PEF;1nF,5%,50V,TP,5x7x2.8mm,5mm | |
| C3A21 | BY130267 | 2301-000402 | C-FILM,PEF;2.2nF,5%,50V,TP,5.5X7X3,5mm | |
| C3A22 | 70699002 | 2202-000780 | C-CERAMIC,MLC-AXIAL;100nF,+80-20%,50V,Y5 | V-220W/210W/210UK Only |
| C3A23 | BY130250 | 2401-002068 | C-AL;33uF,20%,16V,GP,TP,5x11,5 | V-220VV/210VV/2100K Offity |
| C3A24 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C3A25 | 70699092 | 2401-000918 | C-AL;22uF,20%,16V,GP,-,6.3x7,5 | |
| C3A29 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C3A30 C3A31 | BY130049 BY130027 | 2401-002144 2202-002037 | C-AL;47uF,20%,16V,GP,TP,5x11,5 | V 100FF (000FF) |
| C3S01 | 70697011 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V C-CERAMIC,MLC-AXIAL;.18NF,10%,50V,Y5P,TP | V-430EF/230EF/420W/410W/220W/410W Only |
| C3S02 | 70795769 | 2401-001919 | C-AL;2.2UF,20%,50V,-,TP,4X7MM,5 | "EF" Models Only "EF" Models Only |
| C3S03 | 70796389 | 2301-000381 | C-FILM,PEF;10nF,5%,50V,TP,6.5x5.5x3mm,5m | "EF" Models Only |
| C3S04 | 70796389 | 2301-000381 | C-FILM,PEF;10nF,5%,50V,TP,6.5x5.5x3mm,5m | "EF" Models Only |
| C3S05 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL,100nF,80-20%,50V,Y5V | "EF" Models Only |
| C3S06 C3S07 | 70795363 BV130040 | 2202-000791 | C-CERAMIC,MLC-AXIAL;150pF,10%,50V,Y5P,TP | "EF" Models Only |
| C3S07 | BY130049 BY130027 | 2401-002144 2202-002037 | C-AL;47uF,20%,16V,GP,TP,5x11,5 | "EF" Models Only |
| C3S09 | 70795075 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | "EF" Models Only |
| C3S11 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL, 10NF,30%, 16V, Y5S, TP, | "EF" Models Only "EF" Models Only |
| C3S13 | BY130278 | 2401-001775 | C-AL;470nF,20%,50V,GP,TP,4x7,5 | "EF" Models Only |
| C3S14 | BY130262 | 2202-000173 | C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP,1 | "EF" Models Only |
| C3S15 | BY130273 | 2401-000414 | C-AL;10uF,20%,16V,GP,TP,4x7,5 | "EF" Models Only |
| C3S17 C3S19 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | "EF" Models Only |
| C3S19 | 70795070 BY130082 | 2201-000376 2301-000224 | C-CERAMIC,DISC;0.22nF,5%,50V,SL,TP,6.3x3 C-FILM,PEF;22nF,5%,50V,TP,7.4x3.9x13mm,5 | "EF" Models Only |
| C3S21 | BY130042 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4x7,5 | "EF" Models Only "EF" Models Only |
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| Loc.No. | TSB Parts No. | Reference No. | Description ; Specification | Remark |
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| C3S22 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | "EF" Models Only |
| C3S23 | 70693492 | 2201-000941 | C-CERAMIC,DISC;51pF,5%,50V,SL,TP,5x3,5 | "EF" Models Only |
| C3S25 | 70693215 | 2202-000787 | C-CERAMIC,MLC-AXIAL,10PF,5%,50V,Y5P,TP,3 | "EF" Models Only |
| C3S26 | 70795729 | 2201-000681 | C-CERAMIC,DISC;0.082nF,5%,50V,SL,TP,5x3, | "EF" Models Only |
| C3S27 | 70693237 | 2202-000825 | C-CERAMIC,MLC-AXIAL;680pF,10%,50V,Y5P,TP | "EF" Models Only |
| C402 | 70693249 | 2202-000807 | C-CERAMIC,MLC-AXIAL,22nF,+80-20%,25V,Y5V | , |
| C403 | BY130049 | 2401-002144 | C-AL;47uF,20%,16V,GP,TP,5x11,5 | |
| C404 | 70795123 | 2401-001085 | C-AL;330NF,20%,50V,GP,-,5X9,2MM | |
| C405 | BY130281 | 2401-003046 | C-AL;47uF,20%,50V,WT,TP,6.3x11,2.5 | |
| C407 | BY130049 | 2401-002144 | C-AL;47uF,20%,16V,GP,TP,5x11,5 | |
| C410 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C529 | BY130047 | 2401-002075 | C-AL:4.7uF.20%,50V,GP,TP.5x11,5 | |
| C601 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C602 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL,100nF,80-20%,50V,Y5V | |
| C603 | BY130048 | 2401-002095 | C-AL,47uF,20%,25V,GP,TP,6.3x5,5mm | |
| C604 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C605 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C607 | BY130278 | 2401-001775 | C-AL;470nF,20%,50V,GP,TP,4x7,5 | |
| C608 | BY130131 | 2401-002259 | C-AL;0.1F,+80-20%,5.5V,-,TP,12.5x11 | "EF" Models Only |
| C608 | 70796210 | 2401-000118 | C-AL;1000uF,20%,10V,GP,TP,10x12.5,5 | |
| C610 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C611 | 70693281 | 2301-000392 | C-FILM,PEF;15nF,5%,50V,TP,6.5x8.5x3.2mm, | |
| C612 | 70796210 | 2401-000118 | C-AL;1000uF,20%,10V,GP,TP,10x12.5,5 | |
| C614 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C618 | BY130048 | 2401-002095 | C-AL;47uF,20%,25V,GP,TP,6.3x5,5mm | |
| C619 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C620 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C621 | BY130048 | 2401-002095 | C-AL;47uF,20%,25V,GP,TP,6.3x5,5mm | |
| C622 | 70693497 | 2301-000471 | C-FILM,PEF;68nF,5%,50V,TP,9x12x4.5mm,5mm | |
| C623 | 70693249 | 2202-000807 | C-CERAMIC,MLC-AXIAL;22nF,+80-20%,25V,Y5V | |
| C624 | 70795614 | 2202-000205 | C-CERAMIC,MLC-AXIAL;22pF,5%,50V,SL,TP,1. | |
| C625 | 70795614 | 2202-000205 | C-CERAMIC,MLC-AXIAL;22pF,5%,50V,SL,TP,1. | |
| C626 | 70795614 | 2202-000205 | C-CERAMIC,MLC-AXIAL;22pF,5%,50V,SL,TP,1. | |
| C627 | 70795614 | 2202-000205 | C-CERAMIC,MLC-AXIAL;22pF,5%,50V,SL,TP,1. | |
| C628 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C633 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C634 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C635 | BY130072 | 2202-000183 | C-CERAMIC,MLC-AXIAL;2.2NF,20%,16V,Y5R,TP | |
| C636 | BY130072 | 2202-000183 | C-CERAMIC,MLC-AXIAL;2.2NF,20%,16V,Y5R,TP | |
| C637 | BY130172 | 2202-000263 | C-CERAMIC,MLC-AXIAL;470pF,10%,50V,Y5P,TP | |
| C638 | 70699092 | 2401-000918 | C-AL;22uF,20%,16V,GP,-,6.3x7,5 | |
| C639 | BY130069 | 2202-000121 | C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP | |
| C640 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C641 | BY130280 | 2401-002165 | C-AL;100uF,20%,16V,GP,TP,6.3x7,5 | |
| C642 | BY130048 | 2401-002095 | C-AL;47uF,20%,25V,GP,TP,6.3x5,5mm | |
| C643 | BY130048 | 2401-002095 | C-AL;47uF,20%,25V,GP,TP,6.3x5,5mm | |
| C645 | BY130049 | 2401-002144 | C-AL;47uF,20%,16V,GP,TP,5x11,5 C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C646 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL,10NF,30%,16V,Y5S,TP, | |
| C691 | 70795075 | 2202-000797 2301-000471 | C-FILM,PEF;68nF,5%,50V,TP,9x12x4.5mm,5mm | |
| C692 | 70693497 | 2202-000173 | C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP,1 | V-430UK/230UK/220UK/430EG/230EG Only |
| C6B02 | BY130262 70795621 | 2401-001507 | C-AL;47uF,20%,16V,GP,TP,6.3x5,5 | V-430UK/230UK/220UK/430EG/230EG Only |
| C6B03 C6B04 | 70699002 | 2202-000780 | C-CERAMIC,MLC-AXIAL;100nF,+80-20%,50V,Y5 | V-430UK/230UK/220UK/430EG/230EG Only |
| C6B04 | BY130262 | 2202-000173 | C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP,1 | |
| C6B08 | BY130262 | 2202-000173 | C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP,1 | |
| C6P01 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C6P02 | BY130049 | 2401-002144 | C-AL;47uF,20%,16V,GP,TP,5x11,5 | |
| C6P03 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C6P04 | 70795080 | 2202-002337 | C-CERAMIC,MLC-AXIAL; 027NF,5%,50V,SL,TP, | |
| C6P05 | 70795080 | 2202-000216 | C-CERAMIC,MLC-AXIAL; .027NF,5%,50V,SL,TP, | |
| C6P06 | BY130271 | 2301-000458 | C-FILM,PEF;56nF,5%,50V,TP,8x12x4.5mm,5mm | V-220EF/420W/410W/220W/210W/210UK Not used |
| C6P07 | BY130136 | 2401-002299 | C-AL;4.7uF,20%,50V,GP,TP,5x7,5 | V-220EF/420W/410W/220W/210W/210UK Not used |
| C6P08 | BY130173 | 2202-000286 | C-CERAMIC,MLC-AXIAL;56pF,5%,50V,SL,TP,1. | |
| C6P09 | BY130170 | 2202-000145 | C-CERAMIC,MLC-AXIAL;.12NF,10%,50V,Y5P,TP | V-220EF/420W/410W/220W/210W/210UK Only |
| C6P10 | BY130042 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4x7,5 | |
| C6P11 | BY130042 | 2401-000598 | C-AL;1uF,20%,50V,GP,TP,4×7,5 | |
| C6P12 | BY130049 | 2401-002144 | C-AL;47uF,20%,16V,GP,TP,5x11,5 | |
| C6P13 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | |
| C6P14 | 70693047 | 2202-000279 | C-CERAMIC, MLC-AXIAL; 47pF, 5%, 50V, SL, TP, 3. | |
| C6P20 | 70693047 | 2202-000279 | C-CERAMIC, MLC-AXIAL; 47pF, 5%, 50V, SL, TP, 3. | V-220EF/420W/410W/220W/210W/210UK Only |
| C6P20 | 70795082 | 2202-000295 | C-CERAMIC,MLC-AXIAL;68pF,5%,50V,SL,TP,3. | V-ZZUEF/4ZUVV/4TUVV/ZZUVV/ZTUVV/ZTUUN UIIIY |
| C701 | BY130280 | 2401-002165 | C-AL;100uF,20%,16V,GP,TP,6.3x7,5 | |
| C702 | 70795075 | 2202-000797 | C-CERAMIC, MLC-AXIAL; 10NF, 30%, 16V, Y5S, TP, | |
| C703 | BY130262 | 2202-000173 | C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP,1 C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C706 | 70795075 | 2202-000797 | C-AL;4.7uF,20%,50V,LL,TP,4X7,1.5 | |
| C707 | 70795626 | 2401-003122 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C708 C711 | 70795075 70795362 | 2202-000787 | C-CERAMIC,MLC-AXIAL;12PF,5%,50V,SL,TP,3. | |
| C711 | 70795362 | 2202-000789 | C-CERAMIC, MLC-AXIAL; 12PF, 5%, 50V, SL, TP, 3. | |
| 3712 | , 0, 00002 | | | |
| | | | | |

| Loc.No. | TSB Parts No | . Reference No. | Description ; Specification | , Remark |
|-----------------------------------------------------------------------|----------------------|----------------------------|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| C801 | BY130047 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5 | V-220W/210W/210UK Not used |
| C803 | BY130047 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5 | V-220W/210W/210UK Not used |
| C805 | BY130047 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11.5 | V-220W/210W/210UK Not used |
| C807 | BY130273 | 2401-000414 | C-AL;10uF,20%,16V,GP,TP,4x7,5 | V-220W/210W/210UK Not used |
| C808 | BY130273 | 2401-000414 | C-AL;10uF,20%,16V,GP,TP,4x7,5 | V-220W/210W/210UK Not used |
| C809 | 70795769 | 2401-001919 | C-AL;2.2UF,20%,50V,-,TP,4X7MM,5 | V-220W/210W/210UK Not used |
| C810 | BY130047 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5 | V-220W/210W/210UK Not used |
| C814 | BY130047 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5 | V-220W/210W/210UK Not used |
| C815 | BY130047 | 2401-002075 | C-AL;4.7uF,20%,50V,GP,TP,5x11,5 | V-220W/210W/210UK Not used |
| C816 | BY130273 | 2401-000414 | C-AL;10uF,20%,16V,GP,TP,4x7,5 | V-220W/210W/210UK Not used |
| C817 | BY130049 | 2401-002144 | C-AL;47uF,20%,16V,GP,TP,5x11,5 | V-220W/210W/210UK Not used |
| C818 | 70795075 | 2202-000797 | C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP, | |
| C819 | BY130280 | 2401-002165 | C-AL;100uF,20%,16V,GP,TP,6.3x7,5 | V-220W/210W/210UK Not used |
| C820 | BY130027 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V | V-220W/210W/210UK Not used |
| C821 | BY130015 | 2401-001479 | C-AL;470uF,20%,10V,GP,-,-,TP | V-220W/210W/210UK Not used |
| C822 | BY130069 | 2202-000121 | C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP | |
| C823 | BY130069 | 2202-000121 | C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP | V 220\A//210\A//210\H/ N |
| C826 | BY130069 | 2202-000121 | C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP | V-220W/210W/210UK Not used |
| C827 | BY130069 | 2202-000121 | C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP | |
| C828 | 70693047 | 2202-000121 | C-CERAMIC,MLC-AXIAL;47pF,5%,50V,SL,TP,3. | V-220W/210W/210UK Not used |
| C829 | 70693047 | 2202-000279 | C CERAMIC MIC ANIAL 47-EE0/ E0/10, TRO | |
| C830 | BY130136 | 2401-002299 | C-CERAMIC,MLC-AXIAL;47pF,5%,50V,SL,TP,3. | |
| C831 | BY130263 | 2202-000231 | C-AL;4.7uF,20%,50V,GP,TP,5x7,5 | |
| C834 | BY130263 | | C-CERAMIC,MLC-AXIAL;330pF,10%,50V,Y5P,TP | |
| C837 | BY130263 BY130262 | 2202-000231 2202-000173 | C-CERAMIC, MLC-AXIAL, 330pF, 10%, 50V, Y5P, TP | v-zzuw/210W/430UK/230UK/220UK/210UK Not used |
| C837 | BY130262 BY130015 | | C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP,1 | V 0001 V 04 01 V V 000 V |
| C840 C841 | BY130015 BY130069 | 2401-001479 2202-000121 | C-AL;470uF,20%,10V,GP,-,-,TP | V-220W/210W/430UK/230UK/220UK/210UK Not used |
| C641 | D1130009 | 2202-000121 | C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP | V-220W/210W/210UK Only |
| <resist< td=""><td>TORS></td><td></td><td></td><td></td></resist<> | TORS> | | | |
| R1P103 | 70795019 | 2001-000515 | R-CARBON;2200HM,5%,1/8W,AA,TP,1.8X3.2MI | . 1 |
| R1P105 | 70795007 | 2001-000313 | R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R1P106 | 70795036 | 2001-000613 | R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2M | 1 |
| R1P107 | 70795020 | 2001-000449 | | |
| R1P108 | 70795020 | 2001-000449 | R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R1P109 | 70796067 | 2001-000445 | R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M | 4 |
| R1P110 | 70796067 | 2001-000362 | R-CARBON;1500HM,5%,1/8W,AA,TP,1.8X3.2MM | VI |
| R1P111 | 70795007 | | R-CARBON;1500HM,5%,1/8W,AA,TP,1.8X3.2MN | |
| R1P112 | 70795003 | 2001-000302 | R-CARBON;100HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R1P115 | 70795025 | 2001-000554 | R-CARBON;2700HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| | | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R1P116 R1P117 | 70795029 | 2001-000633 | R-CARBON;30KOHM,5%,1/8W,AA,TP,1.8X3.2MI | |
| | 70796067 | 2001-000362 | R-CARBON;1500HM,5%,1/8W,AA,TP,1.8X3.2MN | |
| R1P119 | 70795020 | 2001-000449 | R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M | _ |
| R1P121 | 70795006 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MI | Л |
| R1P122 | 70795020 | 2001-000449 | R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R1P123 | 70795007 | 2001-000273 | R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2N | 1 |
| R1P125 | 70795020 | 2001-000449 | R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R1P127 | 70795040 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R1P128 | 70795013 | 2001-000241 | R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R1P129 | BY230106 | 2001-000938 | R-CARBON;680HM,5%,1/8W,AA,TP,1.8X3.2MM | V-220W/210W/210UK Not used |
| R1P130 | BY230019 | 2001-000221 | R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R1SD12 | 70796067 | 2001-000362 | R-CARBON;1500HM,5%,1/8W,AA,TP,1.8X3.2MN | Л |
| R1SD13 | 70795318 | 2001-000319 | R-CARBON;120KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R1SD14 | 70795318 | 2001-000319 | R-CARBON;120KOHM,5%,1/8W,AA,TP,1.8X3.2N | |
| R1SD15 | 70795318 | 2001-000319 | R-CARBON;120K0HM,5%,1/8W,AA,TP,1.8X3.2N | |
| R1SD16 | 70796274 | 2003-000273 | R-METAL OXIDE;33Kohm,5%,2W,AA,TP,6x16mm | |
| R1SD31 | 70795039 | 2001-000780 | R-CARBON;4700HM,5%,1/8W,AA,TP,1.8X3.2MN | Л |
| R1SD32 | 70795005 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R1SF11 | 70795318 | 2001-000319 | R-CARBON;120KOHM,5%,1/8W,AA,TP,1.8X3.2N | |
| R1SF15 | 70795031 | 2001-000591 | R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R1SF19 | 70795005 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R1SF20 | BY230147 | 2003-000105 | R-METAL OXIDE;0.33ohm,5%,2W,AD,TP,6x16mm | 1 |
| R1SF21 | BY230036 | 2001-000096 | R-CARBON(S);1MOHM,5%,1/2W,AA,TP,2.4X6.4N | Λ |
| R1SS10 | BY230170 | 2006-000262 | R-CEMENT;2.7ohm,10%,2W,CB,TP,7.5x11x20. | |
| R1SS11 | 70796274 | 2003-000273 | R-METAL OXIDE;33Kohm,5%,2W,AA,TP,6x16mm | |
| R1SS13 | BY230003 | 2003-000148 | R-METAL OXIDE;1000HM,5%,2W,AE,TP,6X16MN | Л |
| R1SS31 | 70795009 | 2001-000440 | R-CARBON;10HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R1SS32 | 70795005 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R1SS33 | 70795640 | 2004-000869 | R-METAL;3Kohm,1%,1/8W,AA,TP,1.8x3.2mm | |
| R1SS34 | 70795638 | 2004-000459 | R-METAL;2.2Kohm,1%,1/8W,AA,TP,1.8x3.2m | |
| R301 | 70795020 | 2001-000449 | R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R302 | 70795005 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R303 | 70795357 | 2001-000258 | R-CARBON;1.8KOHM,5%,1/8W,AA,TP,1.8X3.2M | "EF" Models Only |
| R304 | 70795058 | 2001-000977 | R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2M | E. Wiodolo Olliy |
| R305 | 70795357 | 2001-000258 | R-CARBON;1.8KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R306 | 70795012 | 2001-000232 | R-CARBON;1.3KOHM,5%,1/8W,AA,TP,1.8X3.2MI | M |
| R308 | 70795005 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | •• |
| R309 | BY230037 | 2001-000723 | R-CARBON;4.3KOHM,5%,1/8W,AA,TP,1.8X3.2MI | M |
| R311 | 70795005 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | •• |
| R312 | 70795013 | 2001-000241 | R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| | | | = = : -, : : = : : : : : : : : : : : : : : : : | |
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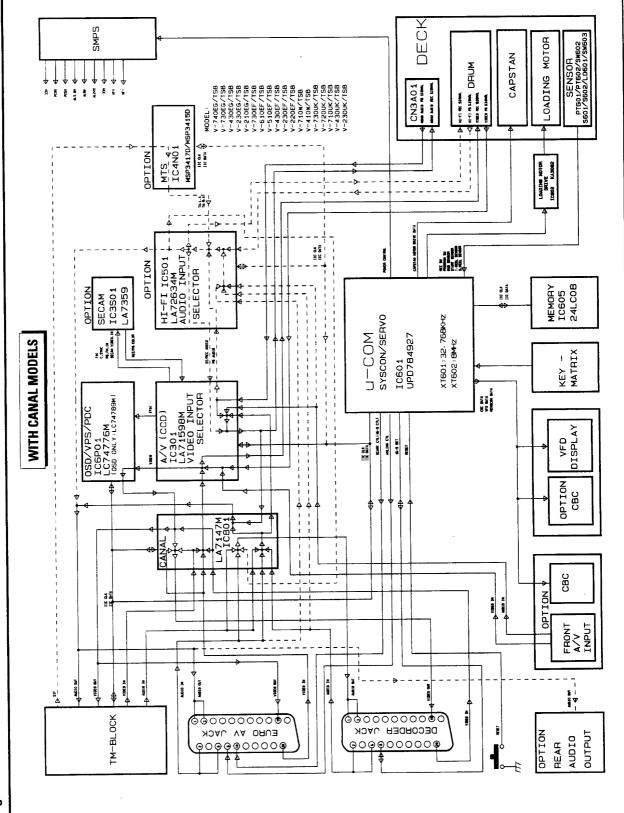
| Loc.No. | TSB Parts No. | Reference No. | Description ; Specification Remark |
|----------------|----------------------|----------------------------|----------------------------------------------------------------------------------------------------------------------|
| R313 | 70795019 | 2001-000515 | R-CARBON;2200HM,5%,1/8W,AA,TP,1.8X3.2MM |
| R314 | 70795050 | 2001-000924 | R-CARBON;6800HM,5%,1/8W,AA,TP,1.8X3.2MM |
| R315 | 70699144 | 2001-000472 | R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M |
| R316 | BY230019 | 2001-000221 | R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2M |
| R317 | 70795030 | 2001-000003 | R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm |
| R318 | 70795030 | 2001-000003 | R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm |
| R320 | 70795006 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM |
| R321 | BY230096 | 2001-000009 | R-CARBON;20KOHM,5%,1/8W,AA,TP,1.8X3.2MM |
| R322 | 70795319 | 2001-000539 | R-CARBON;24KOHM,5%,1/8W,AA,TP,1.8X3.2MM |
| R324 | 70795025 | 2001-000554 | R-CARBON;2700HM,5%,1/8W,AA,TP V-220W/210W/230UK/210UK/230EG/210EG Only |
| R325 | 70699144 | 2001-000472 | R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M |
| R326 | 70795043 | 2001-000832 | R-CARBON;5100HM,5%,1/8W,AA,TP,1.8X3.2MM |
| R327 | 70795043 | 2001-000832 | R-CARBON;5100HM,5%,1/8W,AA,TP,1.8X3.2MM |
| R328 | 70795040 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M |
| R329 | 70699144 | 2001-000472 | R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M |
| R329 | 70795040 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP, V-220W/210W/230UK/220UK/210UK/230EG/210EG Only |
| R330 | 70795040 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M |
| R331 | 70795019 | 2001-000515 | R-CARBON;2200HM,5%,1/8W,AA,TP,1.8X3.2MM |
| R332 | 70795004 | 2001-000281 | R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM |
| R333 | 70795004 | 2001-000281 | R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM |
| R334 | 70795004 | 2001-000281 | R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM |
| R335 | 70795044 | 2001-000800 | R-CARBON;5.1KOHM,5%,1/8W,AA,TP,1.8X3.2M |
| R336 | 70795014 | 2001-000008 | R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM |
| R341 | 70795059 | 2001-001000 | R-CARBON;82KOHM,5%,1/8W,AA,TP,1.8X3.2MM |
| R342 | 70795046 | 2001-000802 | R-CARBON; 5.6Kohm, 5%, 1/8W, AA, TP, 1.8x3.2m |
| R344 | 70795054 | 2001-000969 | R-CARBON;750HM,5%,1/8W,AA,TP, V-430EF/230EF/420W/410W/220W/210W Only |
| R347 | 70795049 | 2001-000904 | R-CARBON;6200HM,5%,1/8W,AA,TP,1.8X3.2MM |
| R348 | 70795609 70795011 | 2001-000605 2001-000331 | R-CARBON;3.6KOHM,5%,1/8W,AA,TP,1.8X3.2MM R-CARBON:12KOHM,5%,1/8W,AA,TP,1.8X3.2MM |
| R3A01 R3A04 | 70795011 | 2001-000331 | R-CARBON; 1.3KOHM,5%, 1/8W,AA,TP,1.8X3.2MM |
| R3A05 | 70795032 | 2001-000232 | R-CARBON, 1.3KOHM, 5%, 1/8W, AA, TP, 1.8X3.2MM |
| R3A06 | 70795607 | 2001-000405 | R-CARBON;1800HM,5%,1/8W,AA,TP,1.8X3.2MM |
| R3A07 | 70795033 | 2001-000645 | R-CARBON;330KOHM,5%,1/8W,AA,TP,1.8X3.2M |
| R3A08 | 70795011 | 2001-000331 | R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM |
| R3A09 | 70795046 | 2001-000802 | R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m |
| R3A10 | 70795005 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM |
| R3A11 | 70795357 | 2001-000258 | R-CARBON;1.8KOHM,5%,1/8W,AA,TP,1.8X3.2M |
| R3A12 | 70796025 | 2001-000458 | R-CARBON;2.20HM,5%,1/8W,AA,TP,1.8X3.2MM |
| R3A13 | 70795039 | 2001-000780 | R-CARBON;4700HM,5%,1/8W,AA,TP,1.8X3.2MM |
| R3A14 | 70795021 | 2001-000522 | R-CARBON;22K0HM,5%,1/8W,AA,TP,1.8X3.2MM |
| R3A16 | 70795006 | 2001-000290 | R-CARBON;10K0HM,5%,1/8W,AA,TP,1.8X3.2MM |
| R3A17 | 70795036 | 2001-000613 | R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2M |
| R3A18 | 70795036 | 2001-000613 | R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2M |
| R3A19 | 70795607 | 2001-000405 | R-CARBON;1800HM,5%,1/8W,AA,TP,1.8X3.2MM |
| R3A21 | 70795049 | 2001-000904 | R-CARBON;6200HM,5%,1/8W,AA,TP,1.8X3.2MM |
| R3A22 | BY230037 70795058 | 2001-000723 | R-CARBON;4.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM |
| R3A23 R3A24 | 70795058 70795021 | 2001-000977 2001-000522 | R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2M R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM |
| R3A25 | BY230019 | 2001-000322 | R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2M |
| R3A26 | 70795011 | 2001-000331 | R-CARBON; 12KOHM, 5%, 1/8W, AA, TP, 1.8X3.2MM |
| R3A27 | 70795447 | 2001-000878 | R-CARBON;6.2KOHM,5%,1/8W,AA,TP,1.8X3.2M V-220W/210W/210UK Only |
| R3A28 | 70795447 | 2001-000878 | R-CARBON:6.2KOHM,5%,1/8W,AA,TP.1.8X3.2M |
| R3A28 | 70795036 | 2001-000613 | R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2M V-220W/210W/430UK/230UK/220UK/210UK 0nly |
| R3A29 | 70795036 | 2001-000613 | R-CARBON; 3.9KOHM, 5%, 1/8W, AA, TP, 1.8X3.2M V-430EF/230EF/420W/410W/220W/210W Only |
| R3A30 | 70795354 | 2001-000773 | R-CARBON:470KOHM,5%,1/8W,AA,TP,1.8X3.2M |
| R3A31 | 70795038 | 2001-000766 | R-CARBON;43KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-220W/210W/210UK Only |
| R3A32 | 70795038 | 2001-000766 | R-CARBON;43KOHM,5%,1/8W,AA,TP,1.8X3.2MM |
| R3A33 | 70795038 | 2001-000766 | R-CARBON;43KOHM,5%,1/8W,AA,TP,1.8X3.2MM V-430EF/230EF/420W/410W/220W/210W Only |
| R3A37 | 70795055 | 2001-000947 | R-CARBON, 7.5KOHM, 5%, 1/8W, AA, TP, 1.8X3.2M |
| R3S01 | 70795319 | 2001-000539 | R-CARBON;24KOHM,5%,1/8W,AA,TP,1.8X3.2MM "EF" Models Only |
| R3S02 | 70795058 | 2001-000977 | R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2M "EF" Models Only |
| R3S03 | 70795663 | 2001-001015 | R-CARBON;9.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM "EF" Models Only |
| R3S04 | 70795319 | 2001-000539 | R-CARBON;24KOHM,5%,1/8W,AA,TP,1.8X3.2MM "EF" Models Only |
| R3S05 | 70795041 | 2001-000786 | R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM "EF" Models Only |
| R3S11 | 70795045 | 2001-000837 | R-CARBON;51KOHM,5%,1/8W,AA,TP,1.8X3.2MM "EF" Models Only R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M "EF" Models Only |
| R3S12 | 70795040 | 2001-000734 | |
| R3S13 | 70795029 70795051 | 2001-000633 2001-000890 | R-CARBON;30KOHM,5%,1/8W,AA,TP,1.8X3.2MM "EF" Models Only R-CARBON;6.8KOHM,5%,1/8W,AA,TP,1.8X3.2M "EF" Models Only |
| R3S14 R3S15 | 70795051 70795055 | 2001-000890 | R-CARBON, 7.5KOHM, 5%, 1/8W, AA, TP, 1.8X3.2M |
| R3S16 | 70699144 | 2001-000947 | R-CARBON; 2.7KOHM, 5%, 1/8W, AA, TP, 1.8X3.2M R-CARBON; 2.7KOHM, 5%, 1/8W, AA, TP, 1.8X3.2M "EF" Models Only |
| R3S17 | 70795021 | 2001-000522 | R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM "EF" Models Only |
| R3S20 | 70795004 | 2001-000281 | R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM "EF" Models Only |
| R3S21 | 70795034 | 2001-000674 | R-CARBON;3600HM,5%,1/8W,AA,TP,1.8X3.2MM "EF" Models Only |
| R3S22 | 70795005 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM "EF" Models Only |
| R3S23 | 70795319 | 2001-000539 | R-CARBON;24KOHM,5%,1/8W,AA,TP,1.8X3.2MM "EF" Models Only |
| R3S24 | 70795015 | 2001-000356 | R-CARBON;150KOHM,5%,1/8W,AA,TP,1.8X3.2M "EF" Models Only |
| R3S25 | 70795357 | 2001-000258 | R-CARBON;1.8KOHM,5%,1/8W,AA,TP,1.8X3.2M "EF" Models Only |
| R3S27 | 70795318 | 2001-000319 | R-CARBON;120KOHM,5%,1/8W,AA,TP,1.8X3.2M "EF" Models Only |
| R401 | 70795041 | 2001-000786 | R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM |

| Loc.No. | TSB Parts No. | Reference No. | Description , Specification | Remark |
|----------------|----------------------|----------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| R402 | 70795004 | 2001-000281 | R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R403 | 70795004 | 2001-000281 | R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R404 | 70795004 | 2001-000281 | R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R406 R407 | 70795026 70795058 | 2001-000563 2001-000977 | R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R407 | BY230019 | 2001-000977 | R-CARBON; 1.2KOHM, 5%, 1/8W, AA, TP, 1.8X3.2M | |
| R602 | 70795004 | 2001-000281 | R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM | "EF" Models Only |
| R603 | 70795004 | 2001-000281 | R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM | • |
| R603 | 70795006 | 2001-000290 | R-CARBON;10K0HM,5%,1/8W,AA,TP,1.8X3.2MM | ĺ |
| R604 | 70795005 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R605 | 70795005 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R608 | 70795047 | 2001-000864 | R-CARBON;56KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R609 | 70795047 70795005 | 2001-000864 | R-CARBON;56KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R613 R641 | 70795039 | 2001-000429 2001-000780 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R642 | 70795039 | 2001-000780 | R-CARBON;4700HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R644 | 70795005 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R650 | 70796369 | 2003-000259 | R-METAL OXIDE;3.90HM,5%,2W,AE,TP,6X16MM | |
| R651 | 70795052 | 2001-000010 | R-CARBON,68KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R652 | 70795024 | 2001-000568 | R-CARBON;270HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R654 | 70795046 | 2001-000802 | R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m | |
| R655 R656 | 70795041 70795013 | 2001-000786 2001-000241 | R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R657 | 70795052 | 2001-000241 | R-CARBON;68KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R660 | 70795041 | 2001-000786 | R-CARBON:47KOHM.5%,1/8W.AA,TP.1.8X3.2MM | |
| R661 | 70795032 | 2001-000660 | R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R666 | 70795006 | 2001-000290 | R-CARBON;10K0HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R667 | 70795006 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R668 | 70795039 | 2001-000780 | R-CARBON;4700HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R669 | 70795039 | 2001-000780 | R-CARBON;4700HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R670 | 70795040 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R671 R672 | 70795040 70795040 | 2001-000734 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R673 | 70795005 | 2001-000734 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R674 | 70795006 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 |
| R675 | 70795607 | 2001-000405 | R-CARBON;1800HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R676 | 70795029 | 2001-000633 | R-CARBON;30KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R677 | 70795021 | 2001-000522 | R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R678 | 70795021 | 2001-000522 | R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R679 | 70795019 | 2001-000515 | R-CARBON;2200HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R682 R685 | 70795021 70795032 | 2001-000522 2001-000660 | R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R687 | 70795032 | 2001-00080 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R690 | 70795047 | 2001-000423 | R-CARBON;56KOHM,5%,1/8W,AA,TP,1.8X3.2MM | I |
| R691 | 70795019 | 2001-000515 | R-CARBON;2200HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R692 | 70795005 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R693 | 70795005 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R694 | 70795005 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | V 42014V /22014V /22014V /4205C /2205C O-L |
| R6B01 | 70796024 | 2001-000384 | R-CARBON;1600HM,5%,1/8W,AA,TP,1.8X3.2MM R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | V-430UK/230UK/220UK/430EG/230EG Only V-430UK/230UK/220UK/430EG/230EG Only |
| R6B02 R6B03 | 70795005 70795005 | 2001-000429 2001-000429 | R-CARBON; 1KOHM, 5%, 1/8W, AA, TP, 1.8X3.2MM | V-430UK/230UK/220UK/430EG/230EG Only |
| R6B07 | 70795019 | 2001-000429 | R-CARBON;2200HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R6P01 | 70795004 | 2001-000281 | R-CARBON;1000HM,5%,1/8W,AA,TP, | V-220EF/420W/410W/220W/210W/210UK Not used |
| R6P02 | 70795004 | 2001-000281 | R-CARBON,1000HM,5%,1/8W,AA,TP, | V-220EF/420W/410W/220W/210W/210UK Not used |
| R6P03 | 70699144 | 2001-000472 | R-CARBON;2.7KOHM,5%,1/8W,AA,TP, | V-220EF/420W/410W/220W/210W/210UK Not used |
| R6P04 | 70795006 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP, | V-220EF/420W/410W/220W/210W/210UK Not used |
| R6P05 | 70795006 | 2001-000290 | R-CARBON;10K0HM,5%,1/8W,AA,TP,1.8X3.2MN | |
| R6P06 | 70795046 | 2001-000802 | R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m R-CARBON;2000HM,5%,1/8W,AA,TP,1.8X3.2MM | V-220EF/420W/410W/220W/210W/210UK Not used |
| R6P07 R6P07 | 70796356 70795659 | 2001-000490 2001-000027 | R-CARBON;1000HM,5%,1/4W,AA,TP,1.8X3.2WIV | |
| R6P08 | 70795028 | 2001-000027 | R-CARBON;3KOHM,5%,1/8W,AA,TP,1.8X3.2MM | V 220VV/210VV/2100K Omy |
| R6P09 | 70795020 | 2001-000449 | R-CARBON; 2.2KOHM, 5%, 1/8W, AA, TP, 1.8X3.2M | V-220EF/420W/410W/220W/210W/210UK Only |
| R6P10 | 70795019 | 2001-000515 | R-CARBON;2200HM,5%,1/8W,AA,TP,1.8X3.2MM | V-220W/210W/210UK Not used |
| R6P11 | BY230090 | 2001-000005 | R-CARBON;390ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| R706 | 70795029 | 2001-000633 | R-CARBON;30KOHM,5%,1/8W,AA,TP,1.8X3.2MM | 1 |
| R707 | 70795013 | 2001-000241 | R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2M | 1 |
| R708 | 70795026 | 2001-000563 2001-000515 | R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MN R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MN | |
| R709 R710 | 70795019 70795008 | 2001-000515 | R-CARBON;1MOHM,5%,1/8W,AA,TF,1.8X3.2MM | |
| R727 | 70795014 | 2001-000433 | R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R728 | 70795014 | 2001-000008 | R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R731 | 70795006 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MN | |
| R732 | 70795003 | 2001-000302 | R-CARBON,100HM,5%,1/8W,AA,TP,1.8X3.2MM | V 200\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(21C\AV(|
| R801 | 70795004 | 2001-000281 | R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R802 | 70795004 | 2001-000281 | R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R803 R805 | 70795057 70795025 | 2001-000995 2001-000554 | R-CARBON;8200HM,5%,1/8W,AA,TP,1.8X3.2MM R-CARBON;2700HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R806 | 70795025 | 2001-000554 | R-CARBON;2700HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R807 | 70795054 | 2001-000969 | R-CARBON;750HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| | | | | |

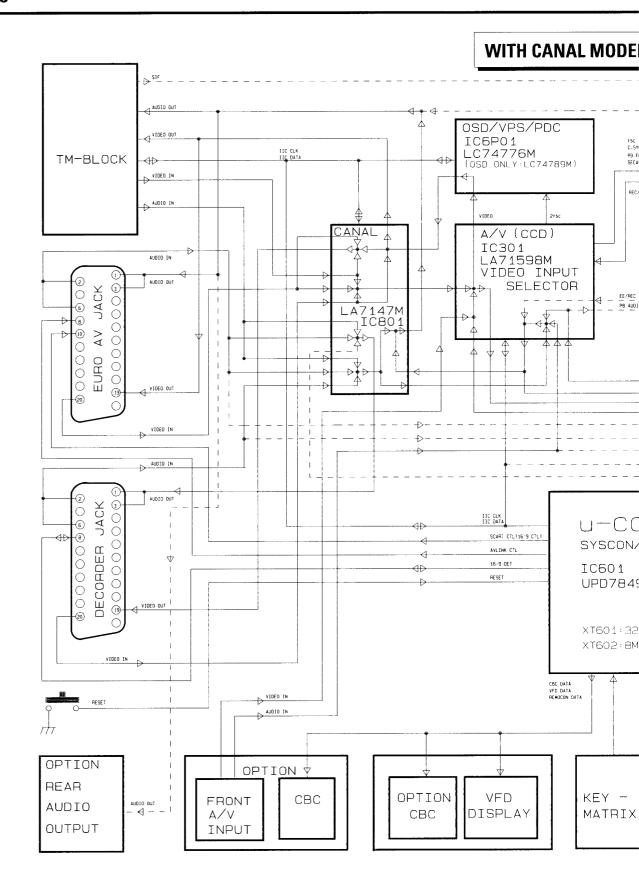
7-22 Toshiba

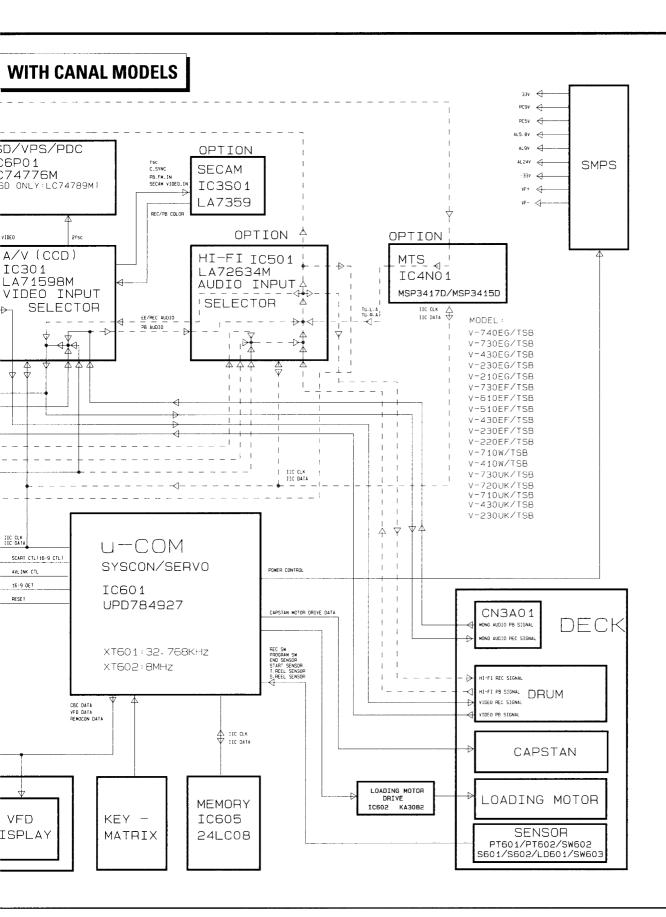
| Loc.No. | TSB Parts No. | Reference No. | Description ; Specification | Remark |
|-----------------|----------------------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| R808 | 70795054 | 2001-000969 | R-CARBON;750HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R809 | 70795054 | 2001-000969 | | N/210W/430UK/230UK/220UK/210UK Not used |
| R810 | 70795025 | 2001-000554 | R-CARBON;2700HM,5%,1/8W,AA,TP,1.8X3.2MM | V-220W/210W/210UK Not used |
| R811 | 70795025 | 2001-000554 | R-CARBON;2700HM,5%,1/8W,AA,TP,1.8X3.2MM | V-220W/210W/210UK Not used |
| R812 | 70795054 | 2001-000969 | R-CARBON;750HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R813 | 70795025 | 2001-000554 | R-CARBON;2700HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R814 | 70795025 | 2001-000554 | R-CARBON;2700HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R815 | 70795025 | 2001-000554 | R-CARBON;2700HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R816 | 70795025 | 2001-000554 | R-CARBON;2700HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R819 | 70795025 | 2001-000554 | | N/210W/430UK/230UK/220UK/210UK Not used |
| R820 | 70795025 | 2001-000554 | | N/210W/430UK/230UK/220UK/210UK Not used |
| R821 | 70795032 | 2001-000660 | R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM | V-220W/210W/210UK Not used |
| R822 R823 | 70795021 70795026 | 2001-000522 2001-000563 | R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM | V-220W/210W/210UK Not used |
| R824 | 70795026 | | R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM | V-220W/210W/210UK Not used |
| W421 | 70795004 | 2001-000563 2001-000281 | R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM | V-220W/210W/210UK Not used |
| VV421 | 70793004 | 2001-000261 | R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM | V-430EF/230EF/420W/410W/220W/210W Only |
| | LLANEOU\$> | 0711 000170 | COMMECTOR HEADER AVIII | |
| CN1SS1 | 70796223 | 3711-000178 | CONNECTOR-HEADER; 1WALL, 2P, 1R, 3.96mm, STRA | • |
| CN301 | 70796410 | 3708-000395 | CONNECTOR-FPC/FC/PIC;8P,1.25MM,STRAIGHT, | |
| CN3A01 | BY634038 | 3708-001302 | CONNECTOR-FPC/FC/PIC;7P,1.25mm,STRAIGHT, | |
| CN3A02 | 70796246 BY634047 | 3711-002445 | CONNECTOR-HEADER; BOX, 2P, 2R, 1.5MM, STRAIGH | |
| CN601 CN602 | BY634003 | AC39-20817S | LEAD CONNECTOR-ASSY;DP,SMH200-02,YBH200- | |
| CN602 | BY634026 | 3708-001163 3711-003749 | CONNECTOR HEADER: BOX 9838 3mm, STRAIGHT, | |
| CN701 | 70795274 | 3711-003743 | CONNECTOR-HEADER;BOX,8P,2R,2mm,STRAIGHT, CONNECTOR-HEADER;NOWALL,10P,1R,2mm,ANGLE | |
| CN702 | 70795274 | 3711-001198 | CONNECTOR-HEADER; NOWALL, 10P, 1R, 2mm, ANGLE | |
| CN704 | BY634040 | 3711-004013 | CONNECTOR-HEADER;3WALL,10P,1R,2mm,STRAIG | V-220EF/210UK/210EG Not used |
| CN705 | BY634039 | 3710-001385 | CONNECTOR-SOCKET; 10P,1R,2mm,ANGLE,SN | V-220E1/2100K/210EG Not used |
| DT701 | BY634119 | AC07-20051C | VF-DISPLAY;SVV-07SS27,15SEG,20.5X75.0,SV | |
| F1SS01 | BY634268 | 3601-001208 | FUSE-CARTRIDGE;250V,1.6A,TIME-LAG,GLASS | |
| JC801 | BY634117 | 3722-001093 | JACK-RCA;42P,3.81MM,SN,BLU/BLK,#20-28 | 2 SCART △ |
| MODELS | | | | |
| JC801 | BY634299 | 3710-000402 | CONNECTOR-SOCKET;6P,2R,3.2mm,STRAIGHT,SN | 1 SCART MODELS |
| JK701 | BY634122 | AC37-22002S | JACK;3.2mm,DPSM-9827,2P,10mm,ARREY | |
| PT1SS1 | BY634271 | AC26-00001L | TRANS-SWITCHING;-,-,-,230V,DEMCO,EE2821, | Δ |
| PT601 | BY530005 | 0604-001122 | PHOTO-INTERRUPTER;TR,0.065%,150mW,DIP-4, | |
| PT602 | BY530005 | 0604-001122 | PHOTO-INTERRUPTER;TR,0.065%,150mW,DIP-4, | |
| RM701 | BY634036 | AC59-60060A | MODULE-REMOCON;GP1U281R,SHARP,38KHZ,-,-, | |
| SW601 | BY632004 | AC34-20100A | SWITCH-MODE;-,-,X-9,- | |
| SW602 SW701 | BY632005 | AC34-20100B | SWITCH-REC;-,-,X-9,- | |
| SW701 | BY632007 BY632007 | 3404-000165 3404-000165 | SWITCH-TACT;12V,50mA,160gf+-50gf,6x6mm,S | |
| SW703 | BY632007 | 3404-000165 | SWITCH-TACT;12V,50mA,160gf+-50gf,6x6mm,S SWITCH-TACT;12V,50mA,160gf+-50gf,6x6mm,S | |
| SW709 | BY632007 | 3404-000165 | SWITCH-TACT, 12 V,50 mA, 160 gf+-50 gf,6x6 mm, S | |
| SW703 | BY632007 | 3404-000165 | SWITCH-TACT, 12 V, 30IIIA, 160g1+-50g1, 6x6IIIII, 3 SWITCH-TACT, 12 V, 50mA, 160g1+-50g1, 6x6mm, S | |
| SW712 | BY632007 | 3404-000165 | SWITCH-TACT;12V,50mA,160gf+-50gf,6x6mm,S | |
| SW713 | BY632007 | 3404-000165 | SWITCH-TACT;12V,50mA,160gf+-50gf,6x6mm,S | |
| SW714 | BY632007 | 3404-000165 | SWITCH-TACT;12V,50mA,160qf+-50qf,6x6mm,S | |
| SW715 | BY632007 | 3404-000165 | SWITCH-TACT;12V,50mA,160gf+-50gf,6x6mm,S | |
| SW716 | BY632007 | 3404-000165 | SWITCH-TACT;12V,50mA,160gf+-50gf,6x6mm,S | |
| SW717 | BY632007 | 3404-000165 | SWITCH-TACT;12V,50mA,160gf+-50gf,6x6mm,S | |
| SW718 | BY632007 | 3404-000165 | SWITCH-TACT;12V,50mA,160gf+-50gf,6x6mm,S | |
| SW719 | BY632007 | 3404-000165 | SWITCH-TACT;12V,50mA,160gf+-50gf,6x6mm,S | |
| SW720 | BY632007 | 3404-000165 | SWITCH-TACT;12V,50mA,160gf+-50gf,6x6mm,S | |
| SW721 | 70795181 | 3404-001008 | SWITCH-TACT;12V,20mA,160+-50,6x7.9x3.5mm | |
| SW801 | BY632010 | 3404-000135 | SWITCH-TACT;12V,50mA,160+-50gf,7.4x7.1mm | |
| TM401 | BY630052 | AC40-30072F | TM-BLOCK;TCMM0601PD08A,SECAM-L/G/I/K,181 | "EF" Models Only |
| TM401 VA1SS1 | BY630051 | AC40-30072D | TM-BLOCK;TCMK0600PD08A,PAL-BG/I/DK,181C VARISTOR:470V.600A.9x7mm.TP | A |
| XT301 | BY634022 BY633009 | 1405-001026 2801-001397 | CRYSTAL-UNIT;4.433619MHZ,HC-49/U-S 15PPM | \triangle |
| XT601 | BY633003 | 2801-001397 | CRYSTAL-UNIT;4:433619WHZ;HC-49/U-5 15PPW CRYSTAL-UNIT;32:768KHz;20ppm,28-AAP;12:5 | |
| XT601 | BY633010 | 2801-003318 | CRYSTAL-UNIT;8MHz,50ppm,28-AAA,22pF,80oh | |
| XT701 | BY633014 | 2801-003868 | CRYSTAL-UNIT;5MHz,30ppm,28-AAA,12pF,100o | |
| | | · | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | |

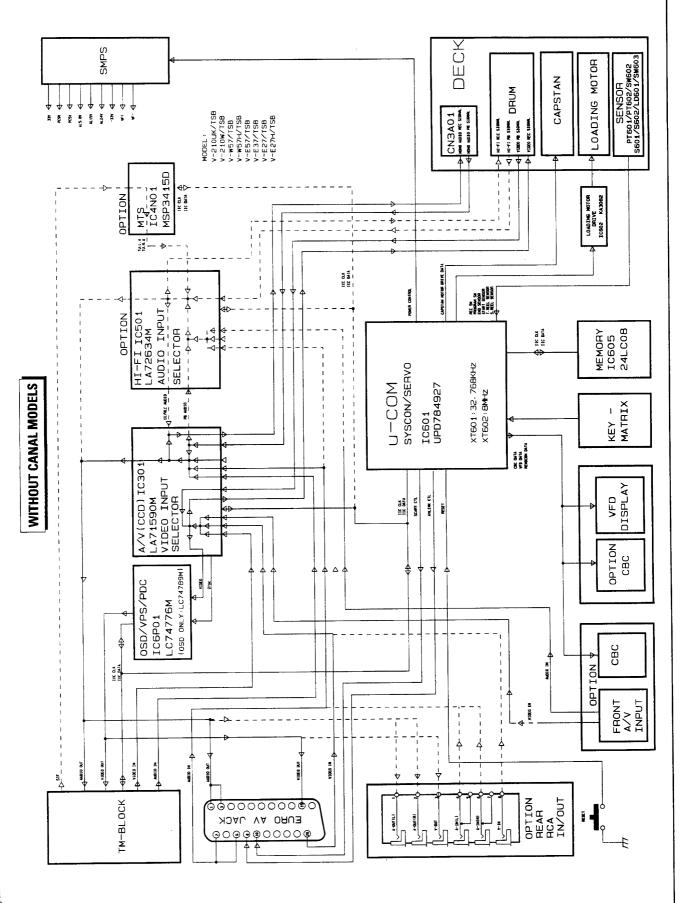


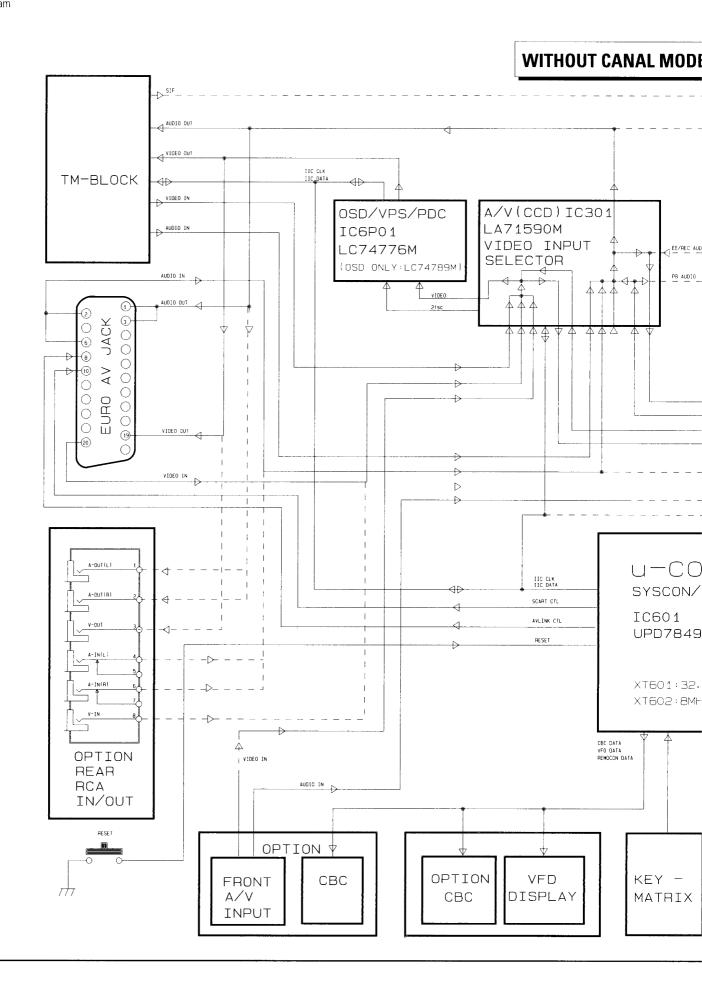


8. Block Diagrams









THOUT CANAL MODELS 33V | PC9V ← PC5V 🚽 AL5.8V AL 15V SMPS OPTION OPTION VF+ ↔ VF-HI-FI IC501))IC301 MTS I IC4N01 LA72634M M AUDIO INPUT EE/REC AUDIO--[NPUT MSP3415D)R SELECTOR PB AUDIO - E **→ → →** MODEL: $A^{\frac{1}{4}}$ V-210UK/TSB V-210W/TSB V-W57/TSB V-W57H/TSB V-E57/TSB V-E37/TSB V-E27/TSB V-E27H/TSB u-COMSYSCON/SERVO POWER CONTROL IC601 UPD784927 CAPSTAN MOTOR DRIVE DATA CN3A01 DECK MONO AUDIO REC SIGNAL MONO AUDIO PO SIGNAL XT601:32,768KHz XT602:8MHz HI-FI REC SIGNAL \triangleleft HI-FI PB SIGNAL CBC DATA VFD DATA REMOCON DATA DRUM VIDEO PB SIGNAL 4 VIDEO BEC SIGNA IIC CLK CAPSTAN LOADING MOTOR DRIVE IC602 KA3082 LOADING MOTOR MEMORY KEY -IC605 LAY MATRIX SENSOR 24LC08 PT601/PT602/SW602 S601/S602/LD601/SW603

9. PCB Diagrams

| 9-5 | 9-3 | 9-3 | 9-3 | 9-3 |
|----------|------------------------|---------------------------|--------------|----------------|
| | | | | |
| 9-1 Main | 9-2 VFD (With AV-LinK) | 9-3 VFD (Without AV-LinK) | 9-4 A2/NICAM | 9-5 Front Jack |
| 9-1 | 9-5 | 6-3 | 9-4 | 9-5 |

9. PCB Diagrams

| 9-1 | Main | 9-2 |
|-----|-----------------------|-----|
| 9-2 | VFD (With AV-LinK) | 9-3 |
| 9-3 | VFD (Without AV-LinK) | 9-3 |
| 9-4 | A2/NICAM | 9-3 |
| 9-5 | Front Jack | 9-3 |

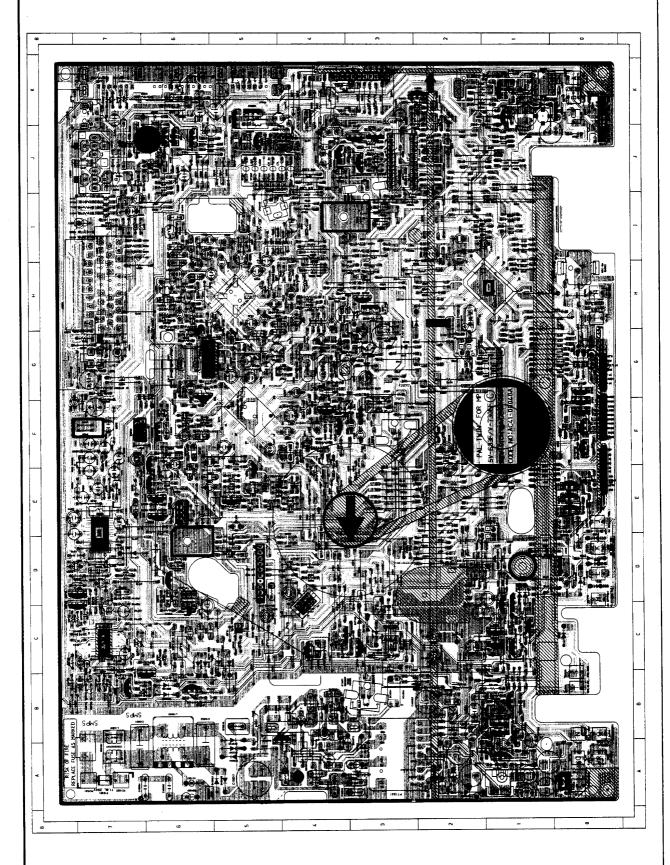
- - - 9-2

- - 9-3

- 9-3

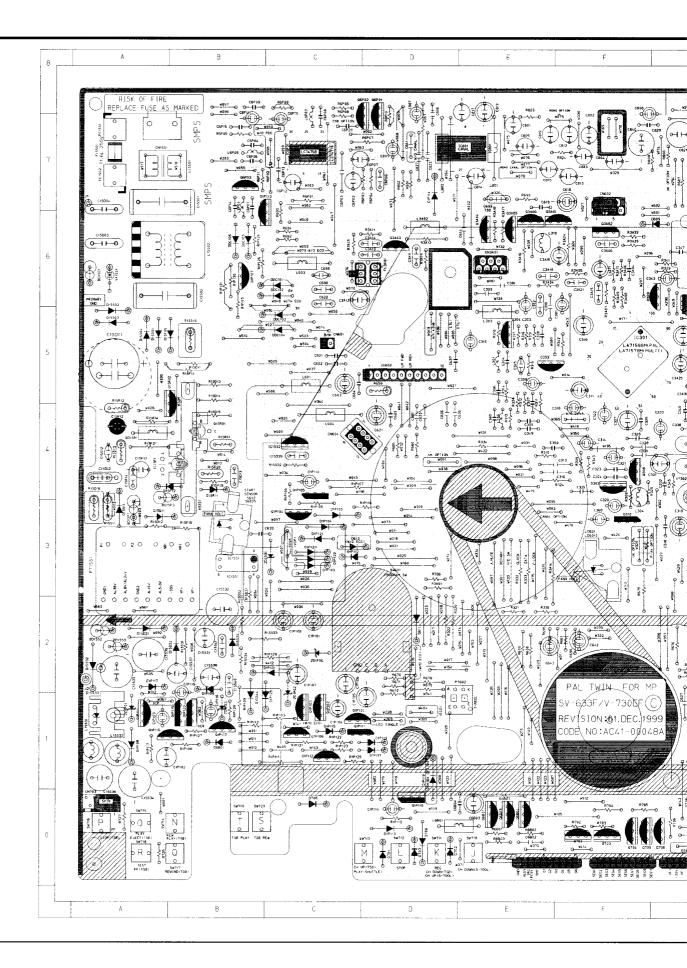
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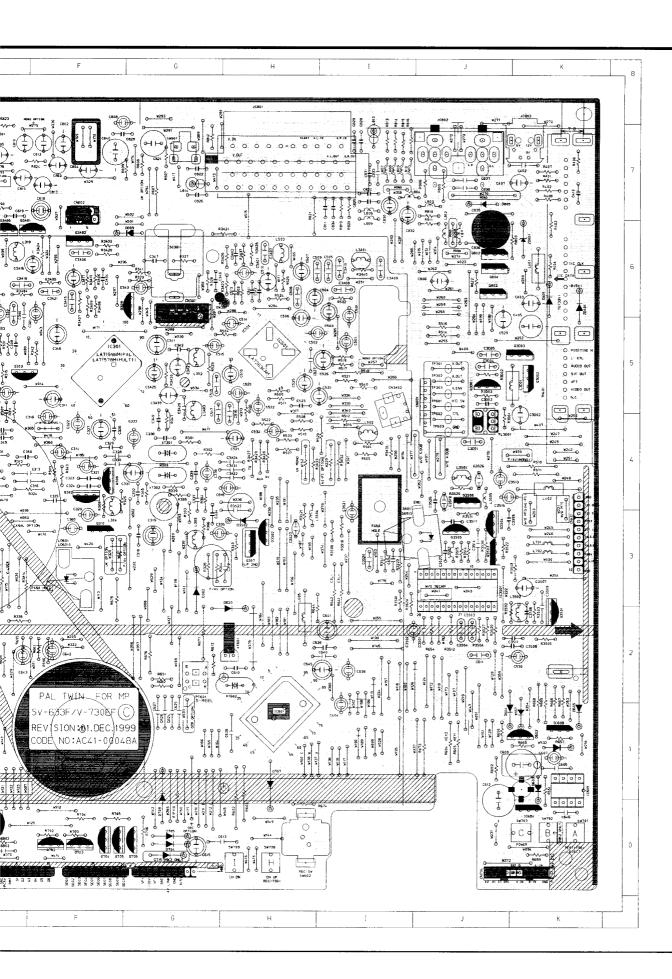
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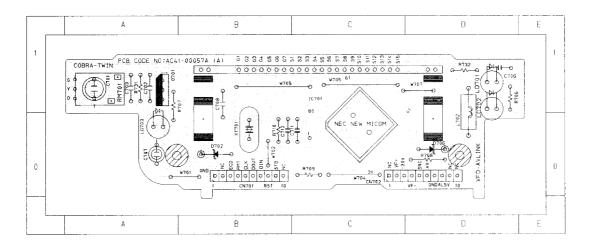


PCB Diagrams

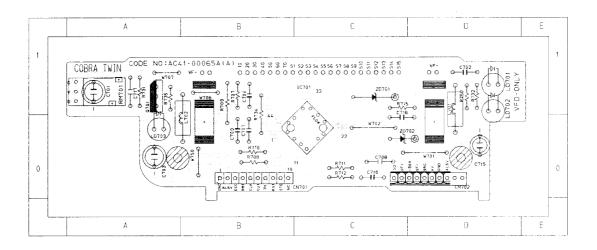
9-1 Main

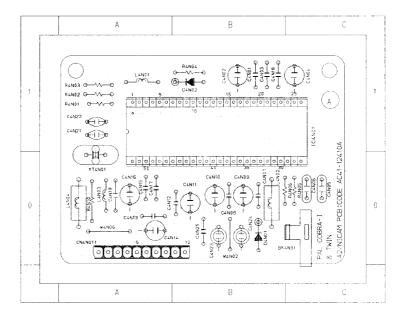




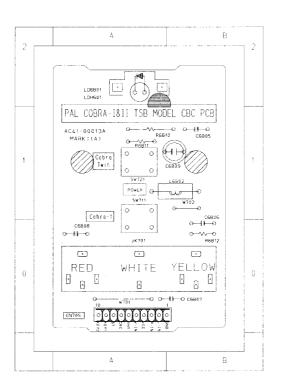


9-3 VFD (Without AV-Link)





9-5 Front Jack



10. Schematic Diagrams

| ◆ Block Identification of Main PCB | 70-2 |
|------------------------------------|-------|
| 10-1 S.M.P.S. | 10-3 |
| 10-2 Power (Ecology) | 10-4 |
| 10-3 Power (Non-Ecology) | 10-5 |
| 10-4 System Control/Servo | 10-6 |
| 10-5 Audio/Video | 10-7 |
| 10-6 Hi-Fi | 10-8 |
| 10-7 TM-Block | 10-9 |
| 10-8 SECAM | 10-10 |
| 10-9 A2/NICAM | 10-11 |
| 10-10 Input-Output (2 Scart) | 10-12 |
| 10-11 Input-Output (1 Scart) | 10-13 |
| 10-12 OSD/VPS/PDC | 10-14 |
| 10-13 OSD (Without VPS/PDC) | 10-15 |
| 10-14 VFD (With AV-Link) | 10-16 |
| 10-15 VFD (Without AV-Link) | 10-17 |
| 10-16 Remote-Control (Multi) | 10-18 |
| 10-17 Bemote-Control (VCB Only) | 10-19 |

10. Schematic Diagrams

| ◆ Block Identification of Main PCB | 10-2 |
|------------------------------------|-------|
| 10-1 S.M.P.S | 10-3 |
| 10-2 Power (Ecology) | 10-4 |
| 10-3 Power (Non-Ecology) | 10-5 |
| 10-4 System Control/Servo | 10-6 |
| 10-5 Audio/Video | 10-7 |
| 10-6 Hi-Fi | 10-8 |
| 10-7 TM-Block | 10-9 |
| 10-8 SECAM | 10-10 |
| 10-9 A2/NICAM | 10-11 |
| 10-10 Input-Output (2 Scart) | 10-12 |
| 10-11 Input-Output (1 Scart) | 10-13 |
| 10-12 OSD/VPS/PDC | 10-14 |
| 10-13 OSD (Without VPS/PDC) | 10-15 |
| 10-14 VFD (With AV-Link) | 10-16 |
| 10-15 VFD (Without AV-Link) | 10-17 |
| 10-16 Remote-Control (Multi) | 10-18 |
| 10-17 Remote-Control (VCR Only) | 10-19 |

- 10-2

10-3

10-4

-

10-5

10-6

10-7

- 10-8

10-9

10-10

10-11

10-12

10-13

10-14

10-15

10-16

10-17

10-18

10-19

Note

Schematic Diagrams

Note

For schematic Diagram

- Resistors are in ohms, 1/8W unless otherwise noted.

Special note:

Most semiconductor devices are electrostatically sensitive and therefore require the special handling techniques described under the "electrostatically sensitive (ES) devices" section of this service manual.

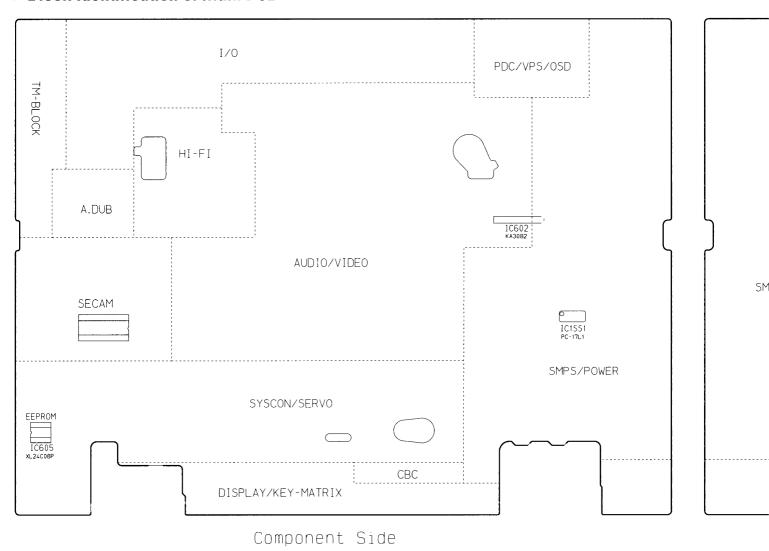
Note:

Do not use the part number shown on this drawing for ordering. The correct part number is shown in the parts list (may be slightly different or amended since this drawing was prepared).

Important safety notices:

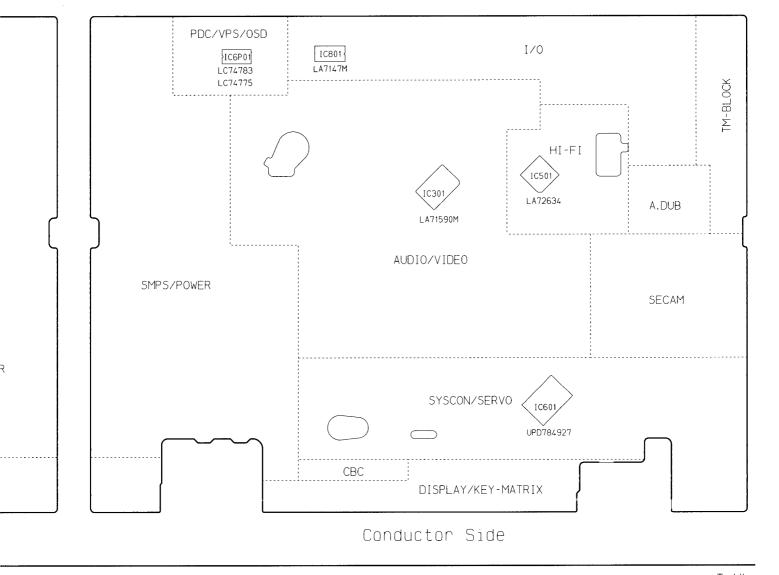
Components identified with the mark \triangle have the special characteristics for safety. When replacing any of these components. Use only the same type.

◆ Block Identification of Main PCB

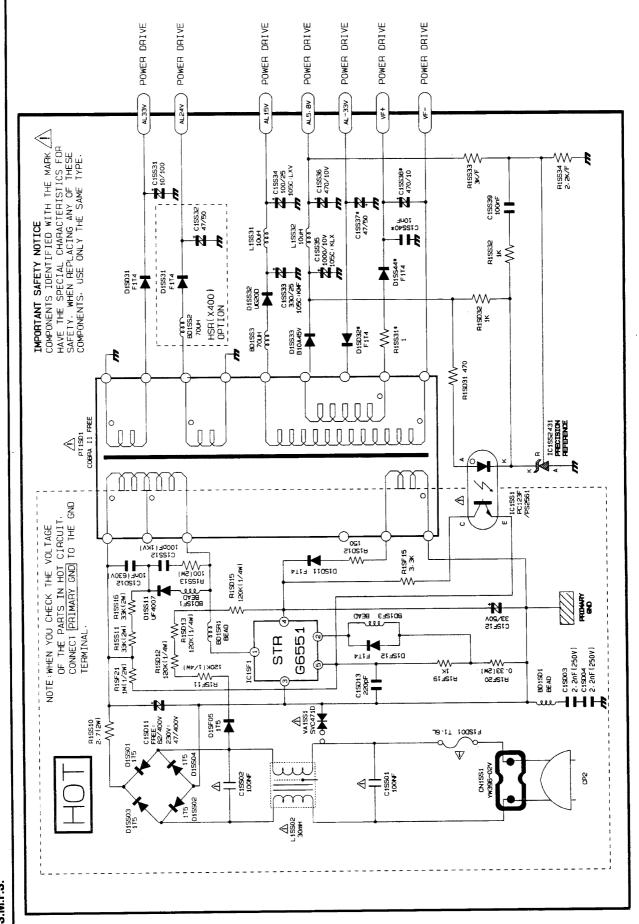


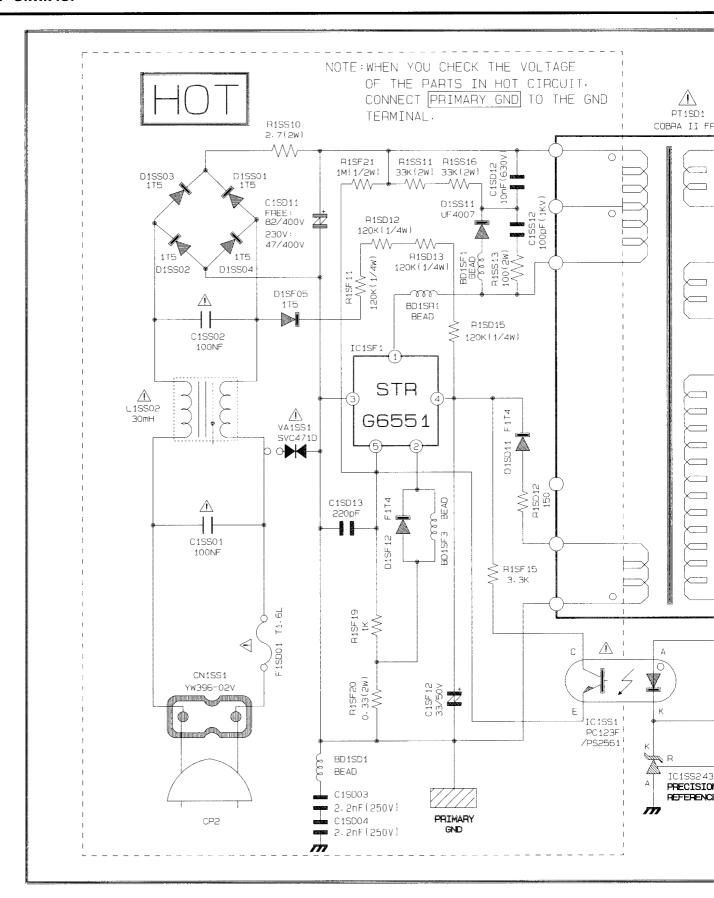
d under the

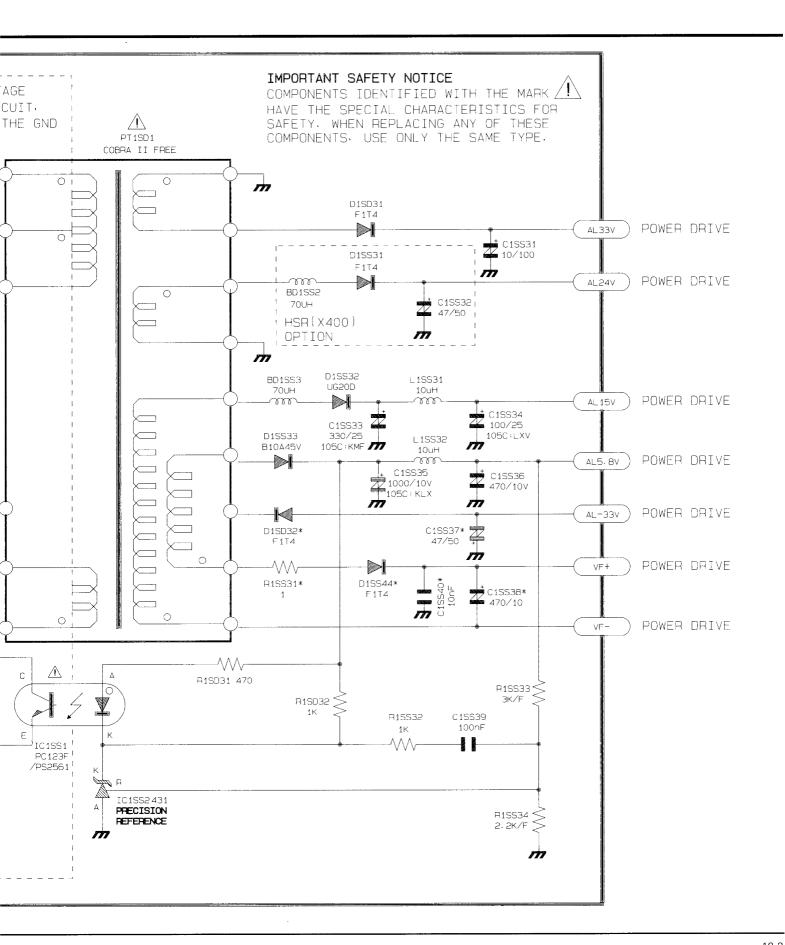
ents.

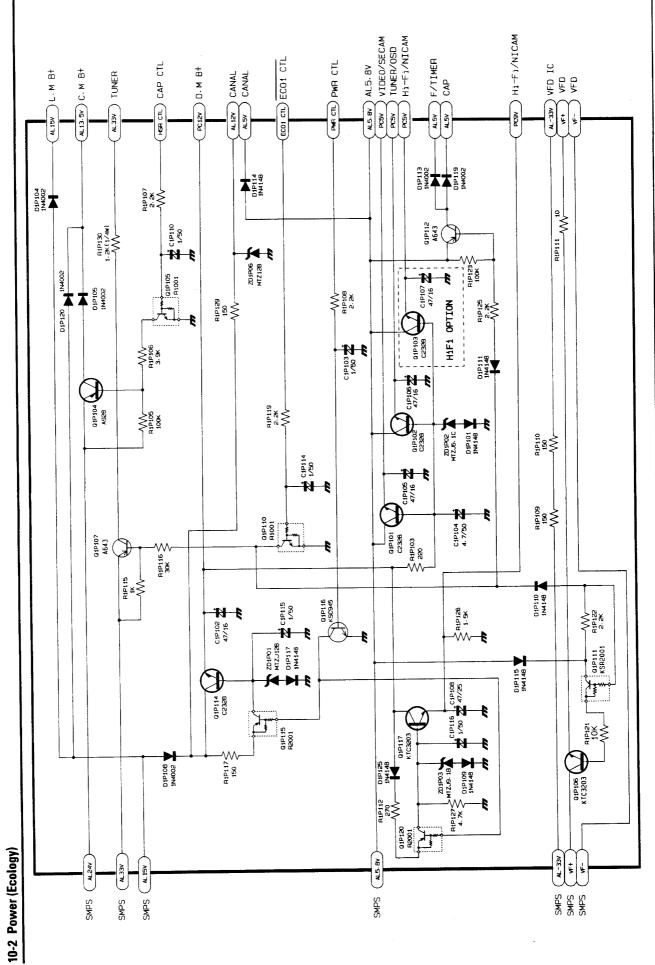


Schematic Diagrams



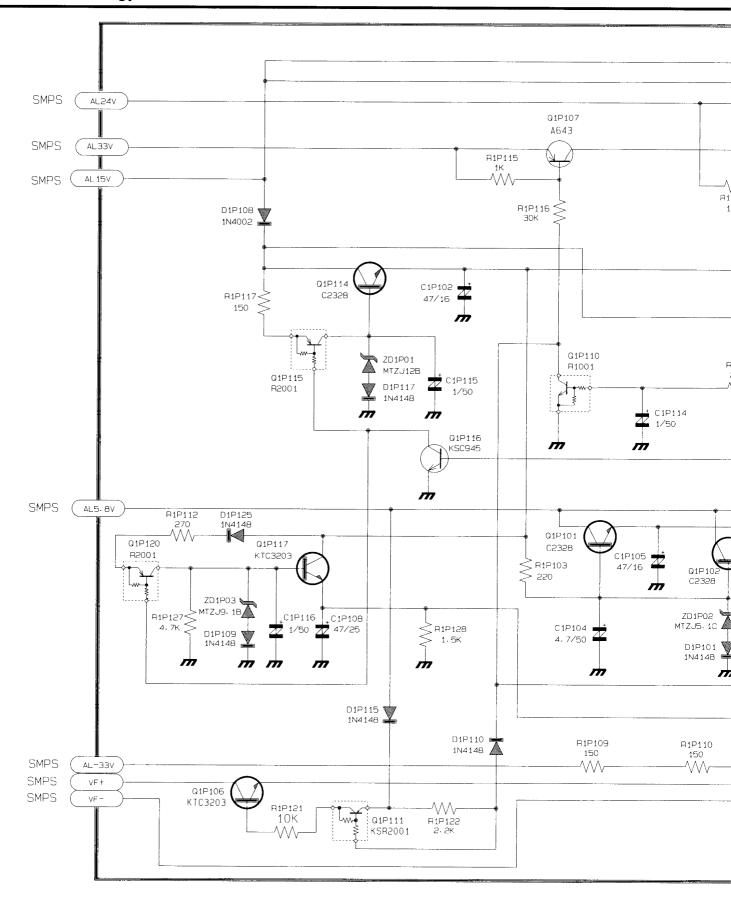


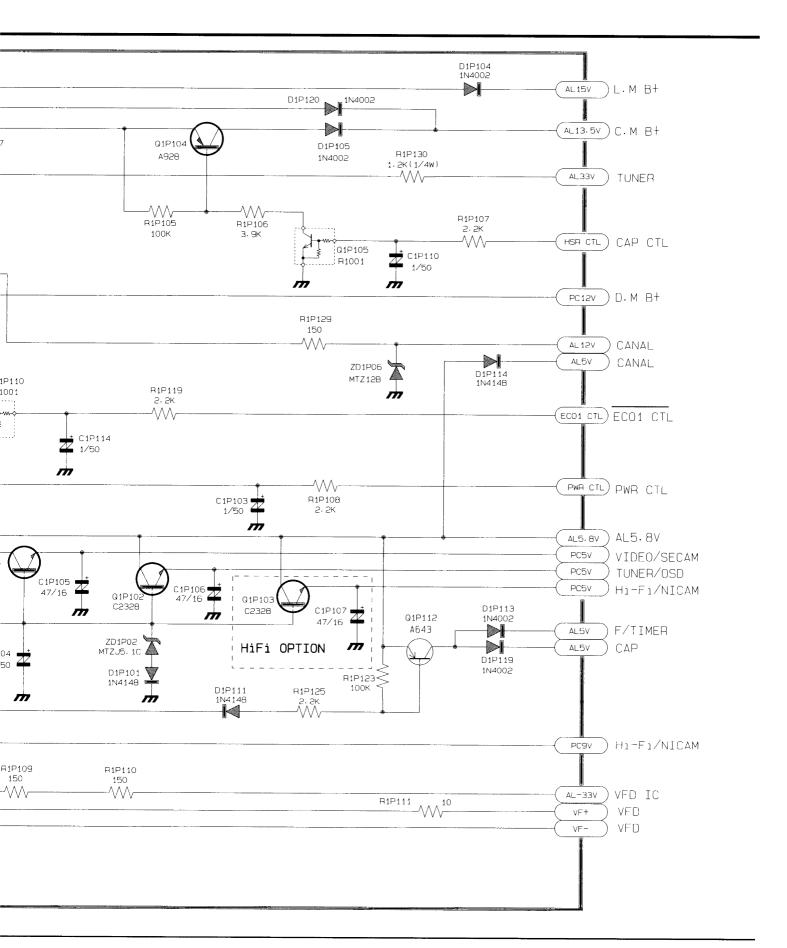




Schematic Diagrams

10-2 Power (Ecology)

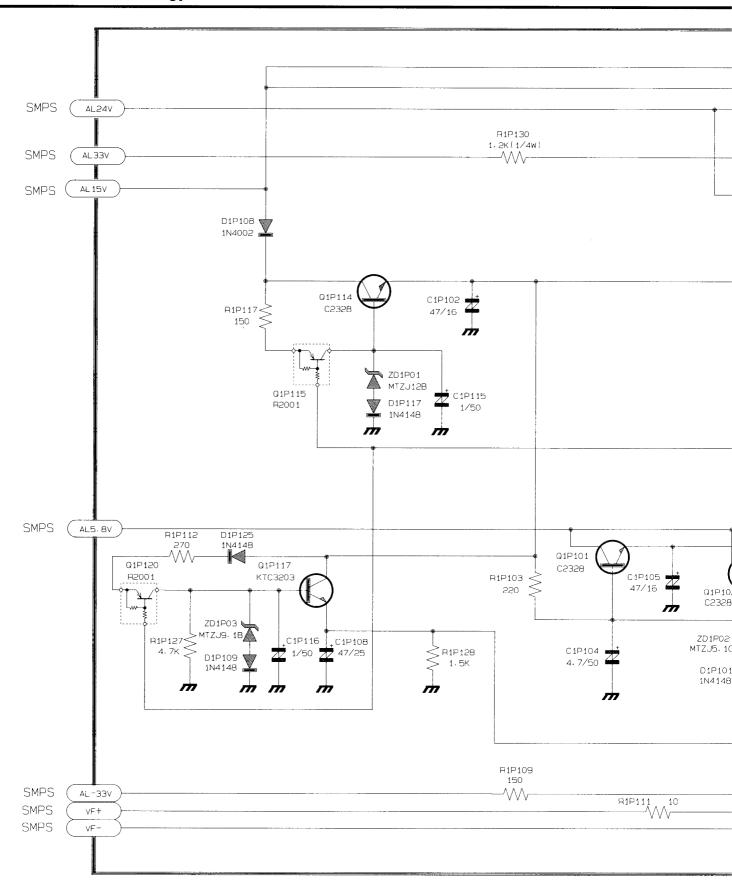


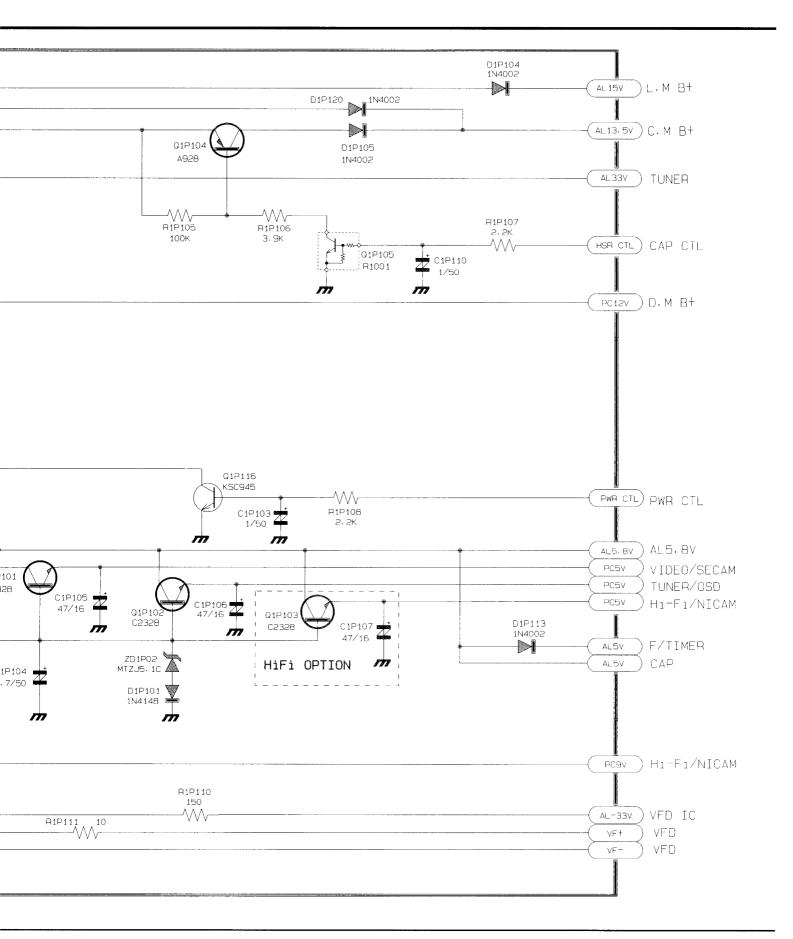


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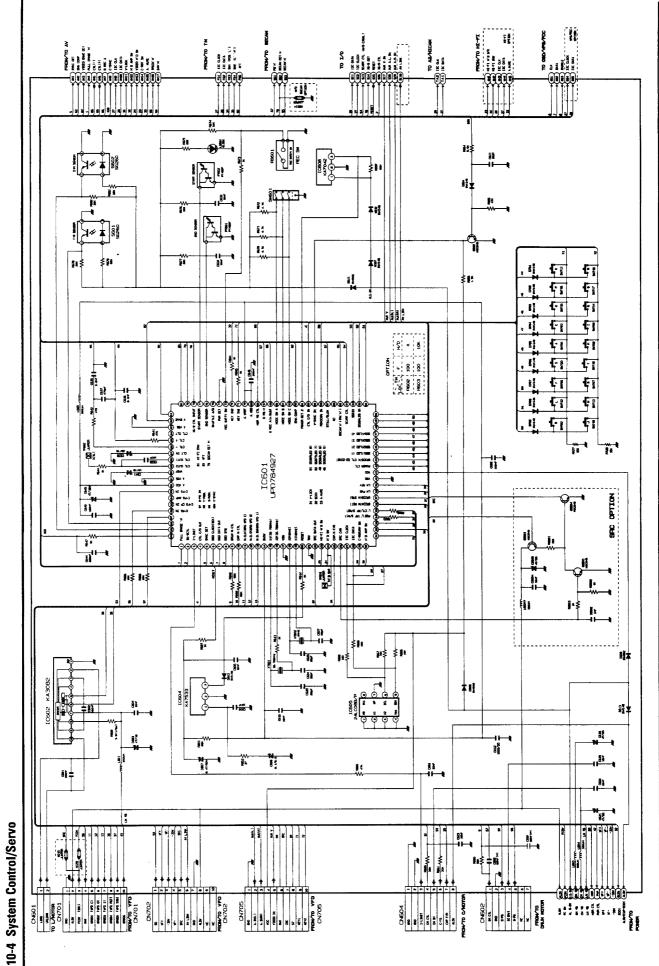
10-3 Power (Non-Ecology)

10-3 Power (Non-Ecology)

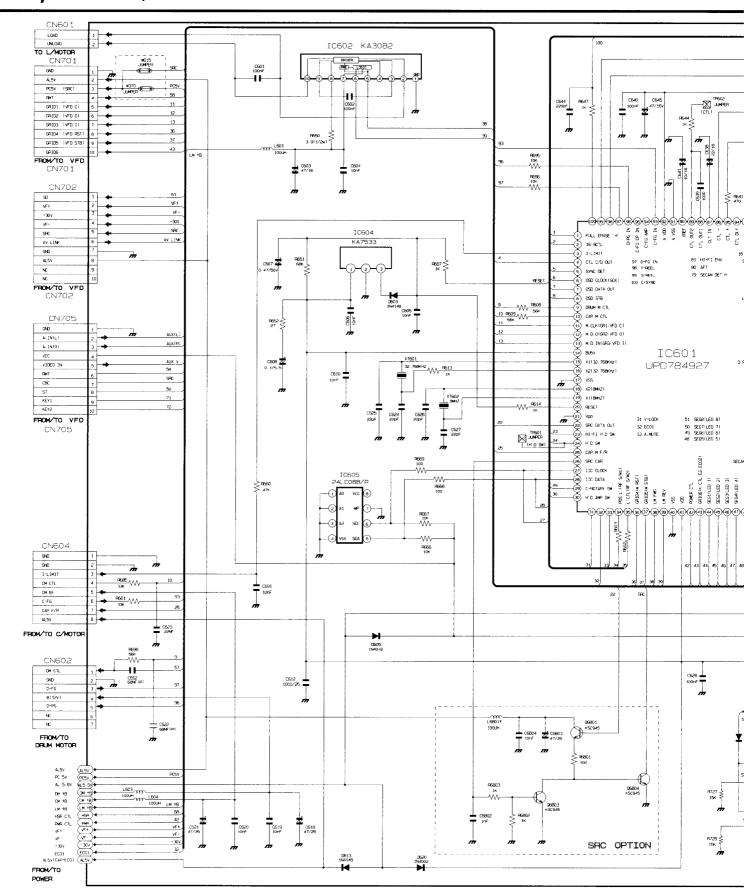


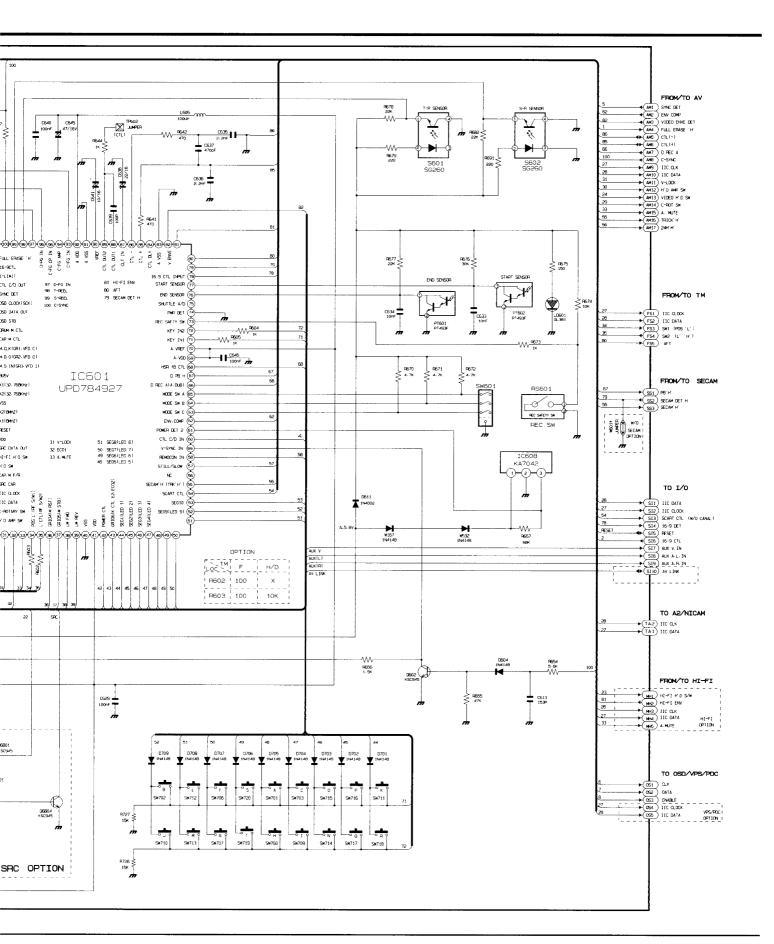


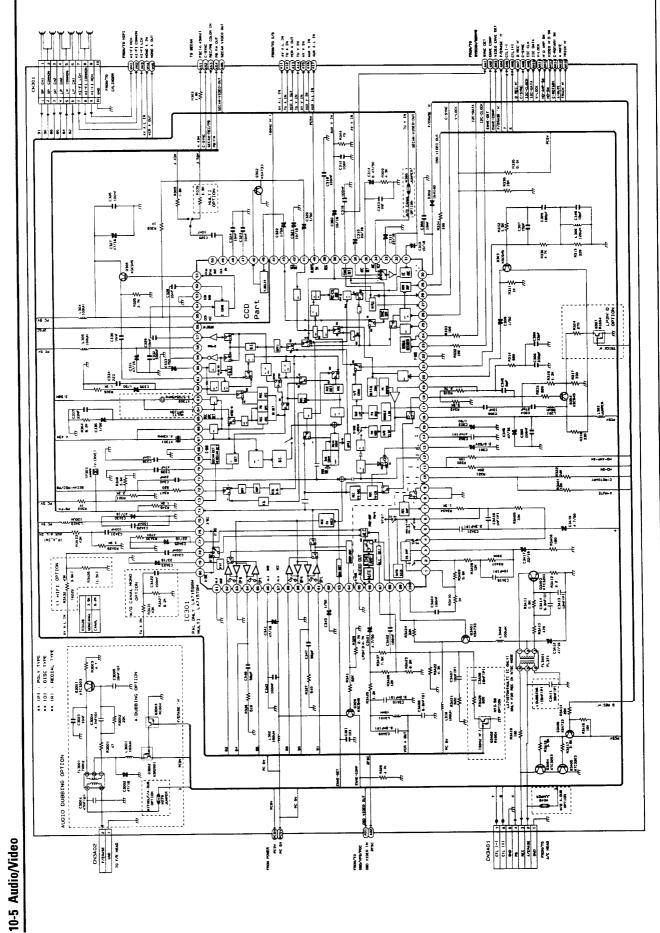
Schematic Diagrams



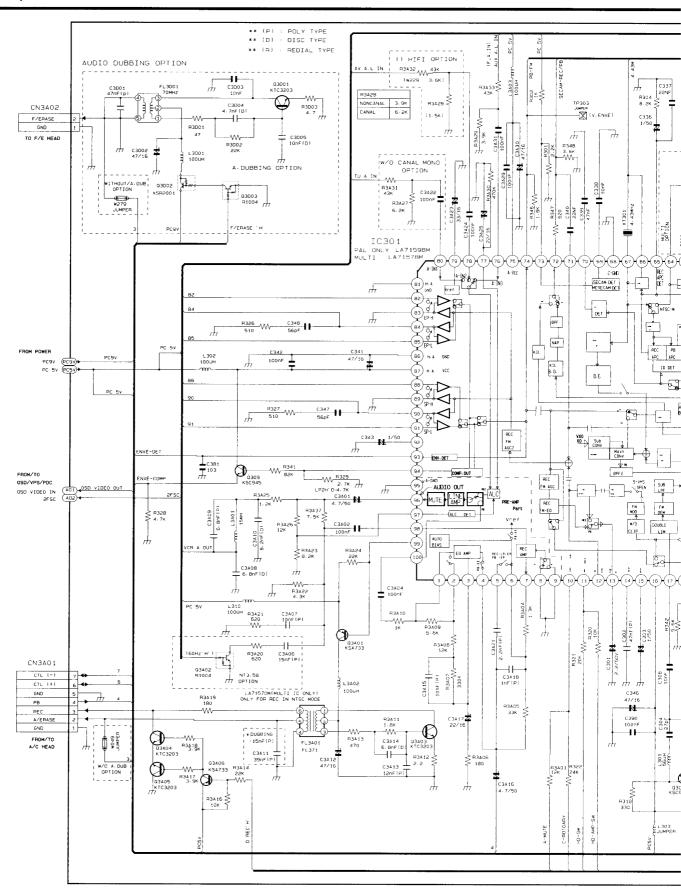
10-4 System Control/Servo

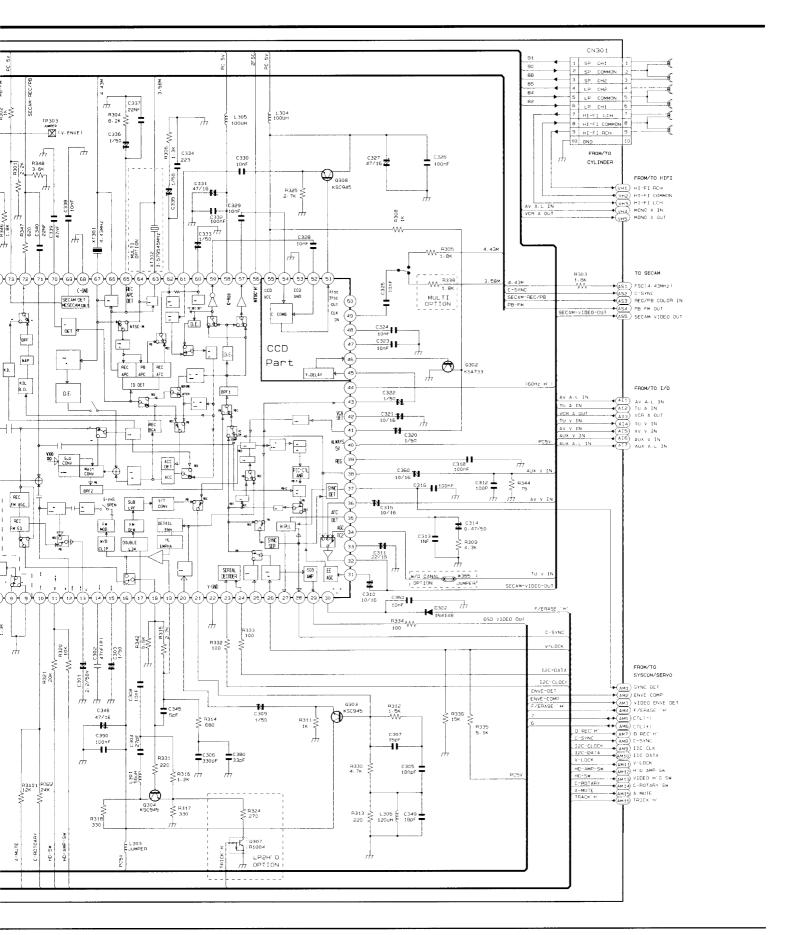


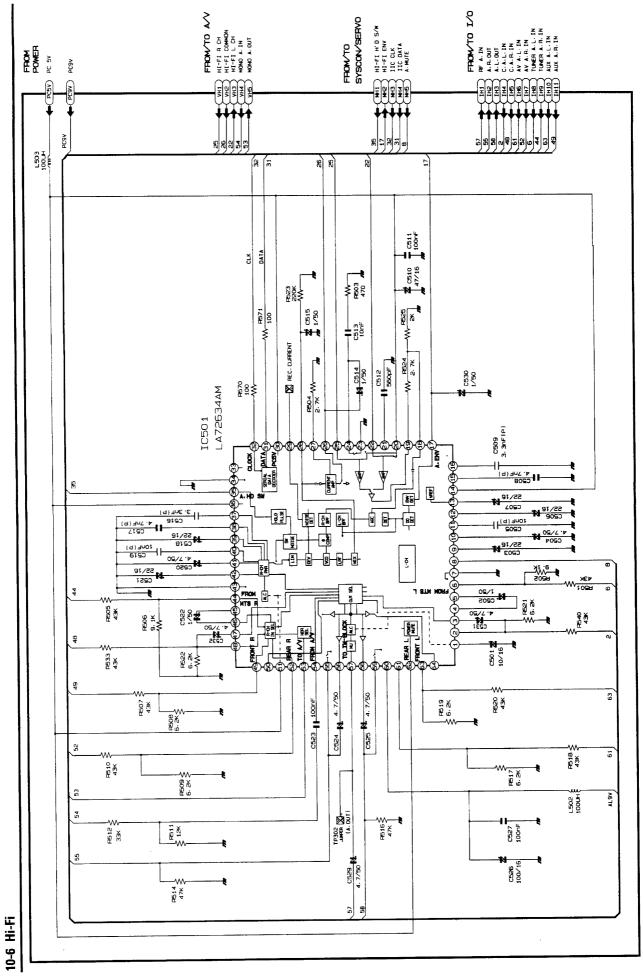




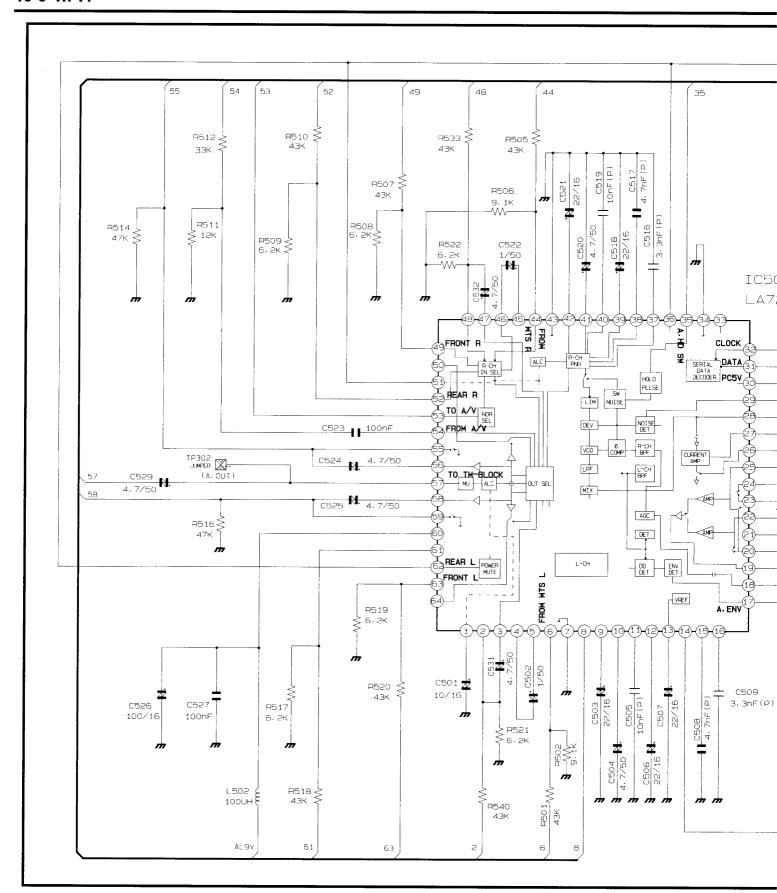
Toshiba

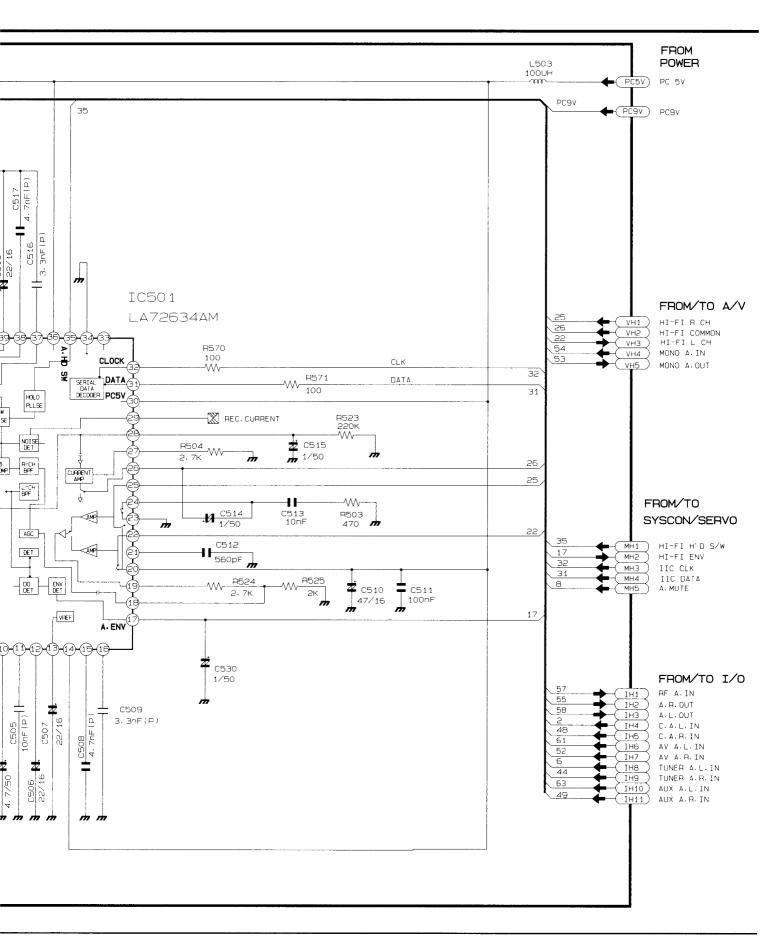




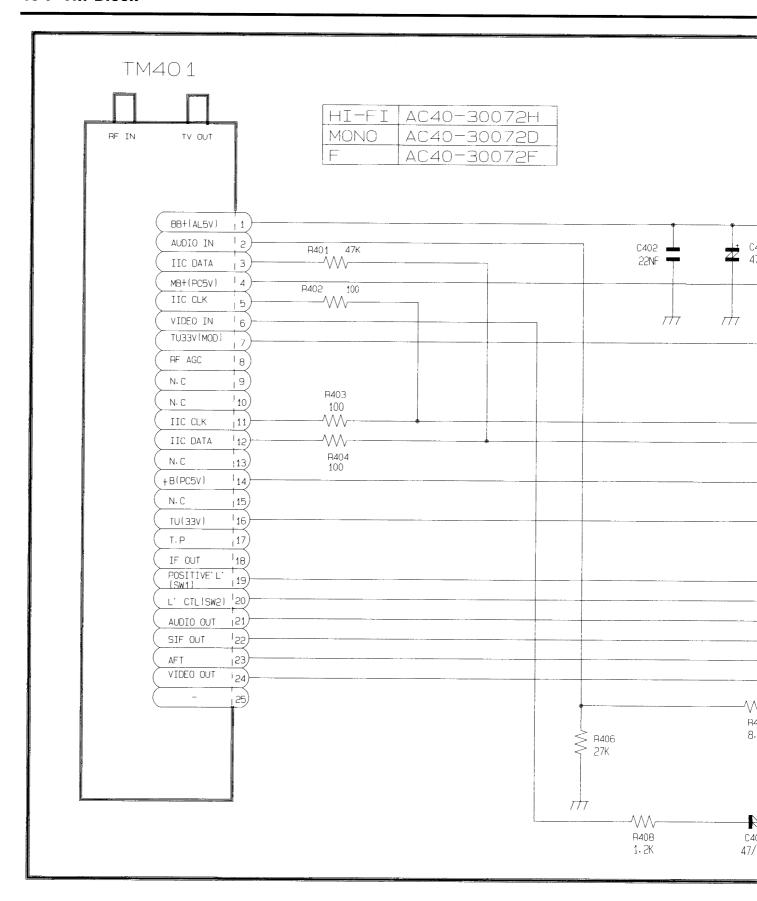


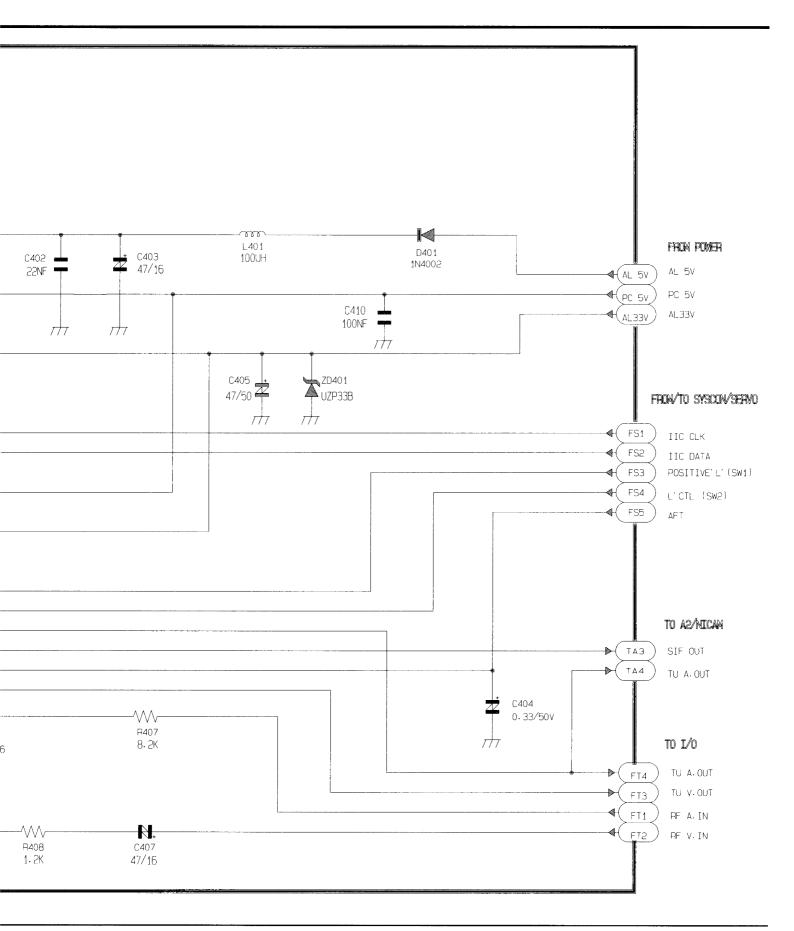
10-6 Hi-Fi

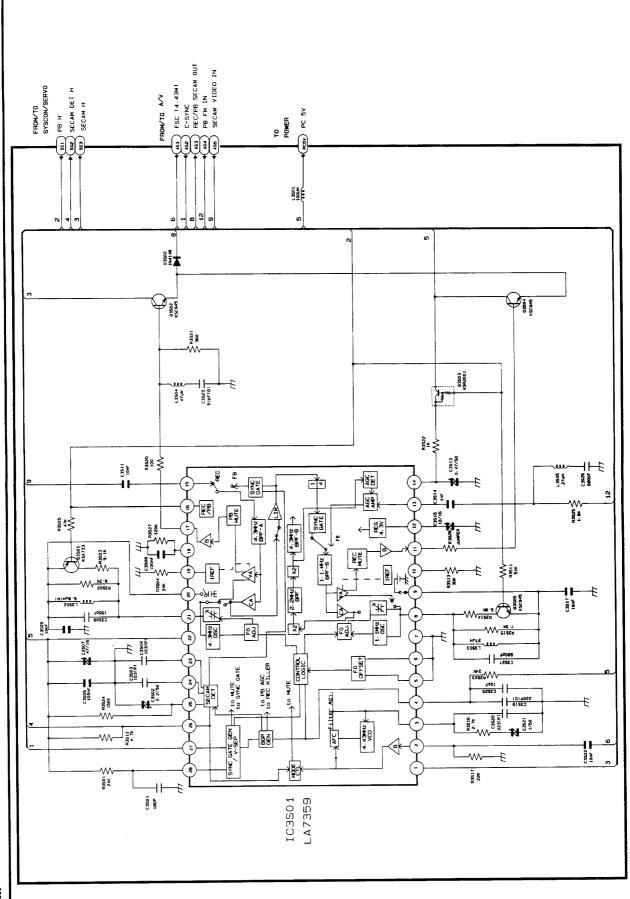




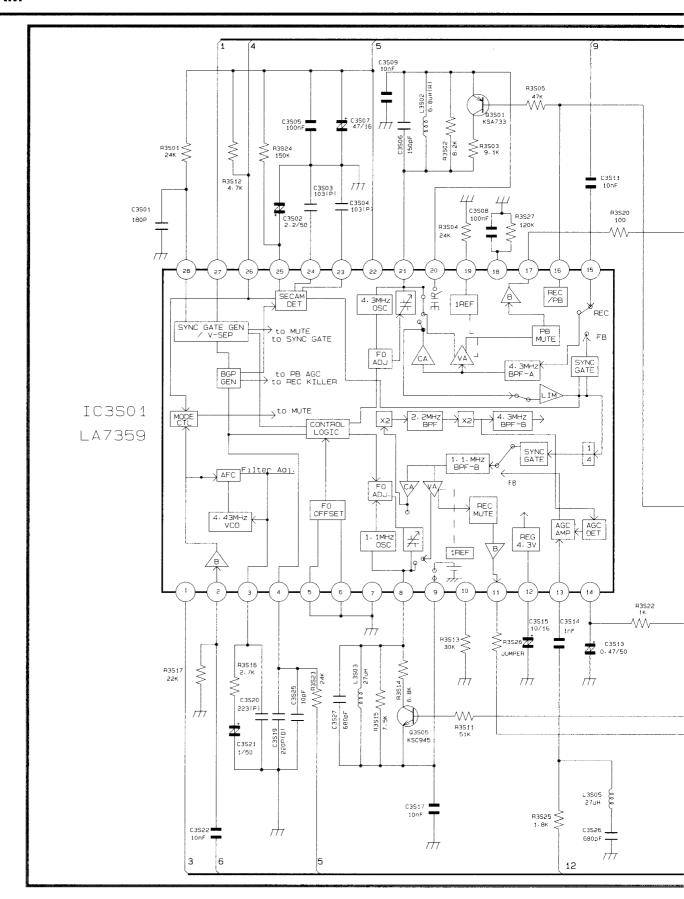
10-7 TM-Block

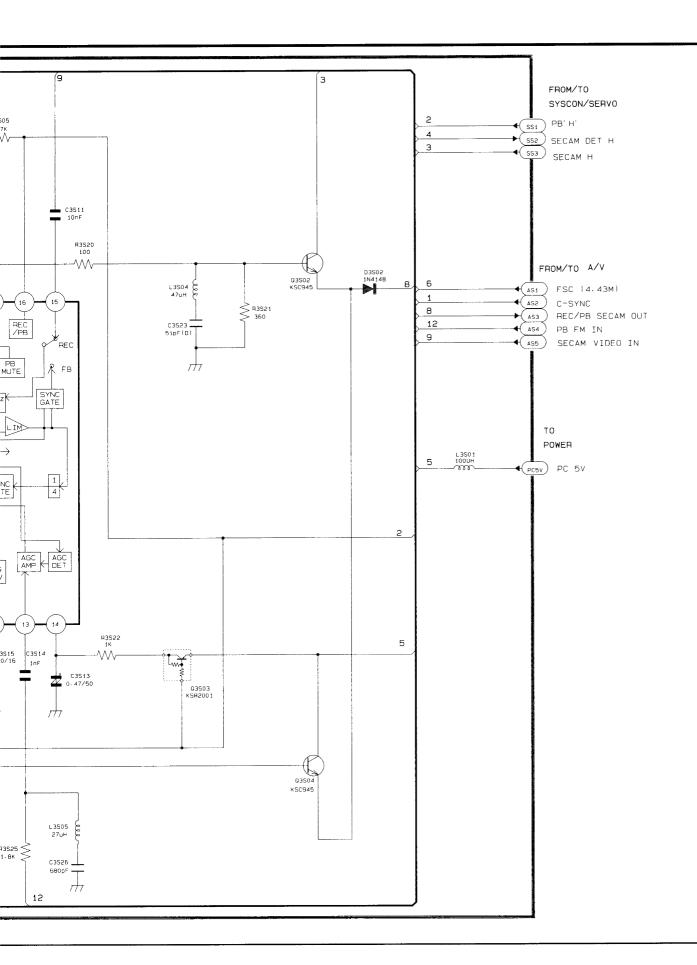






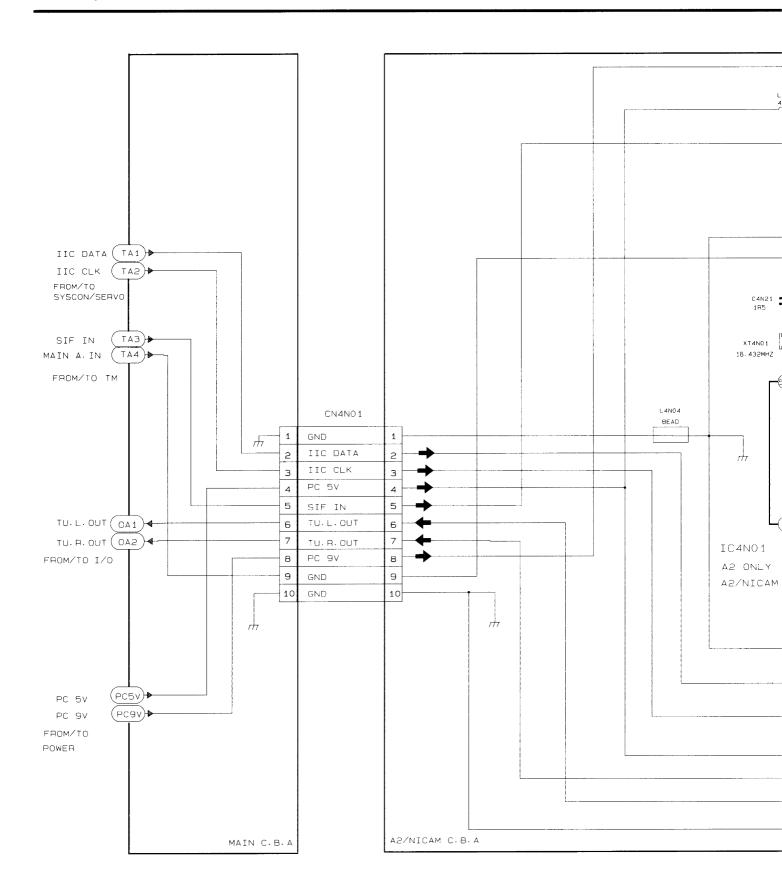
10-8 SECAM

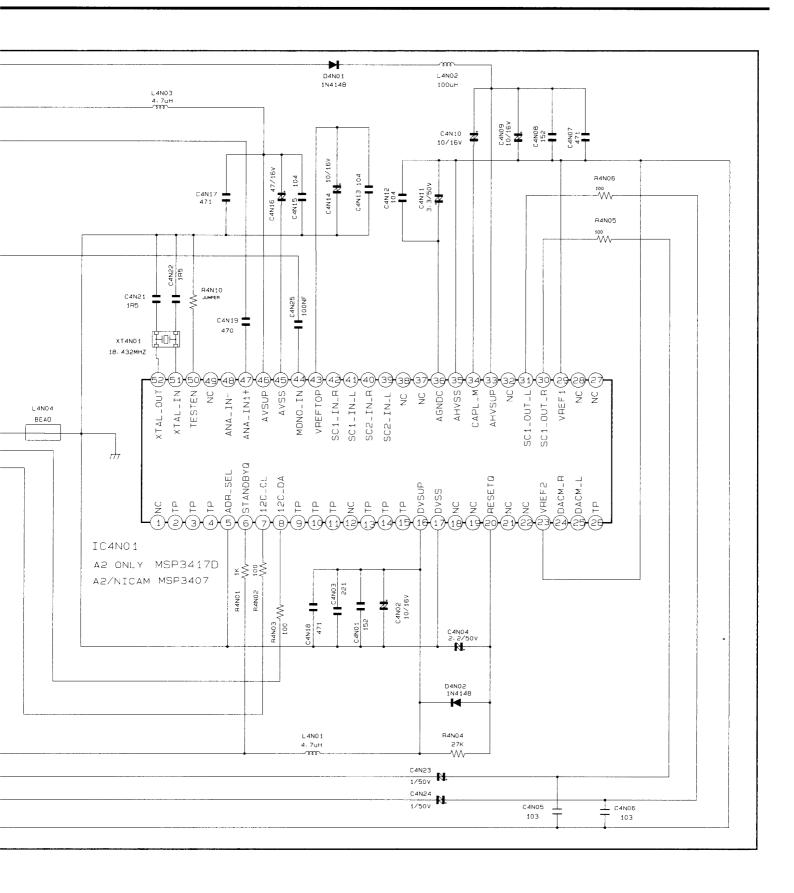




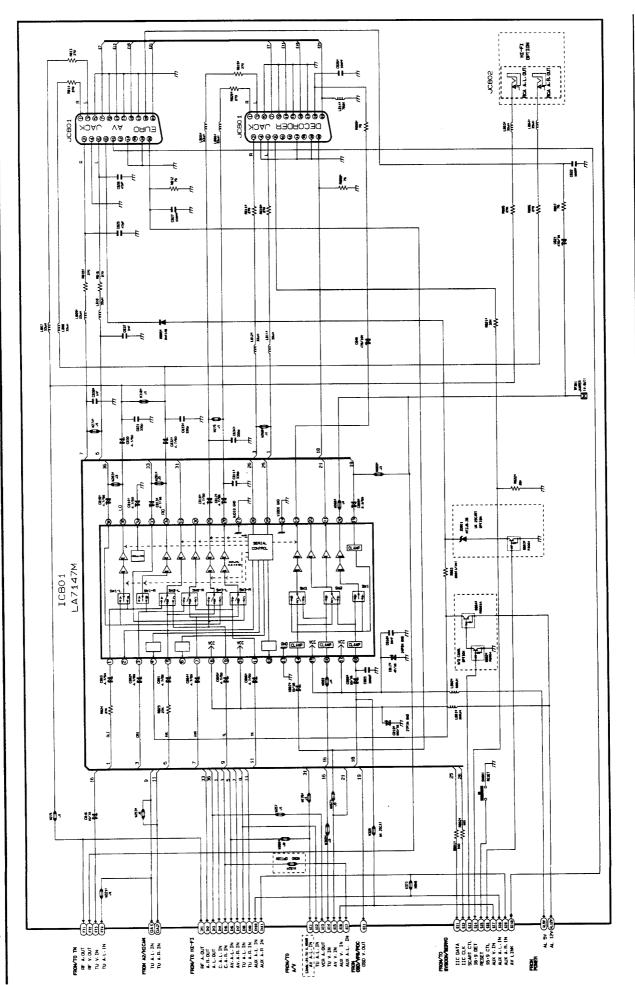
10-9 A2/NICAM

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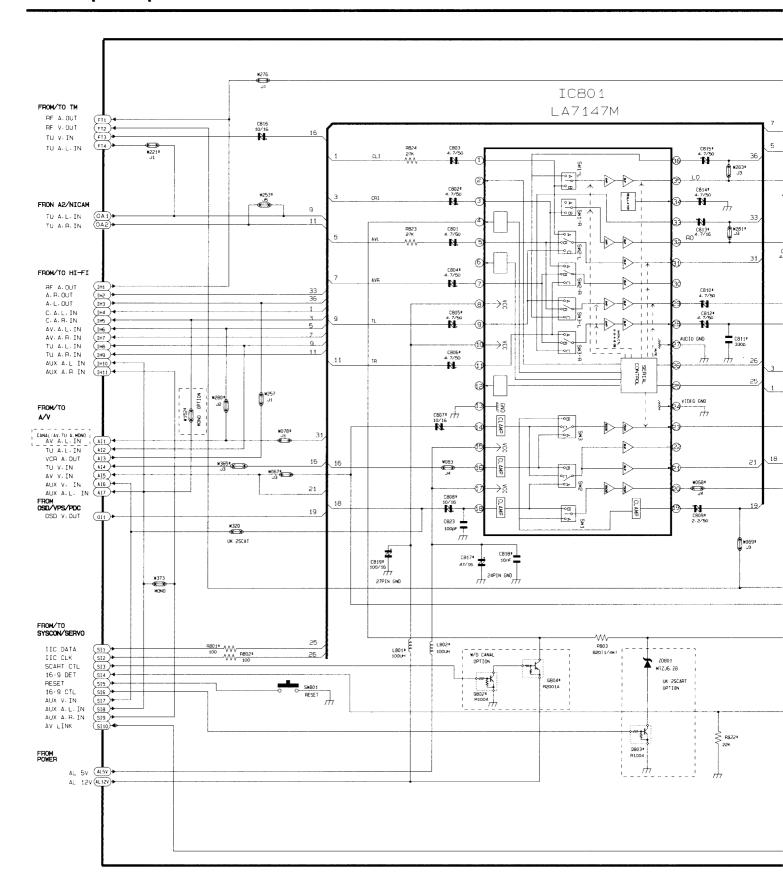


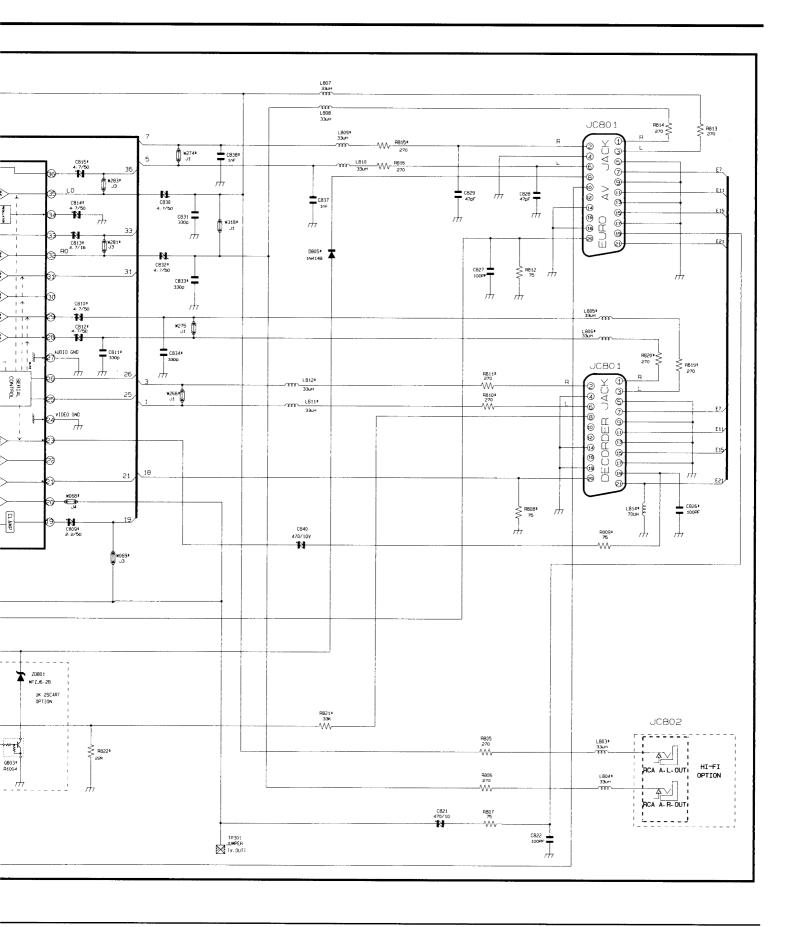


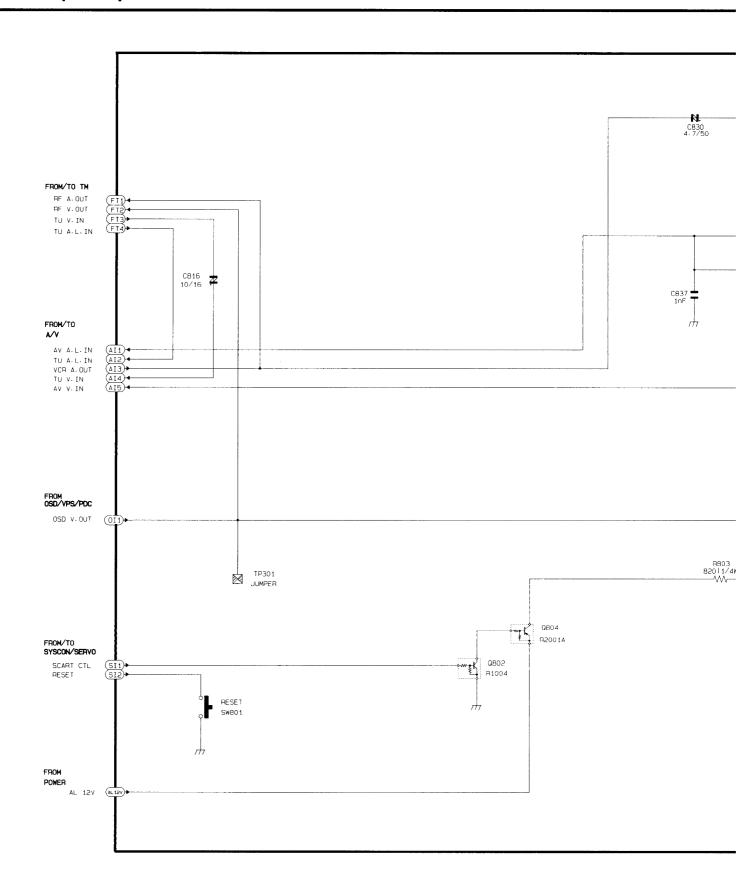
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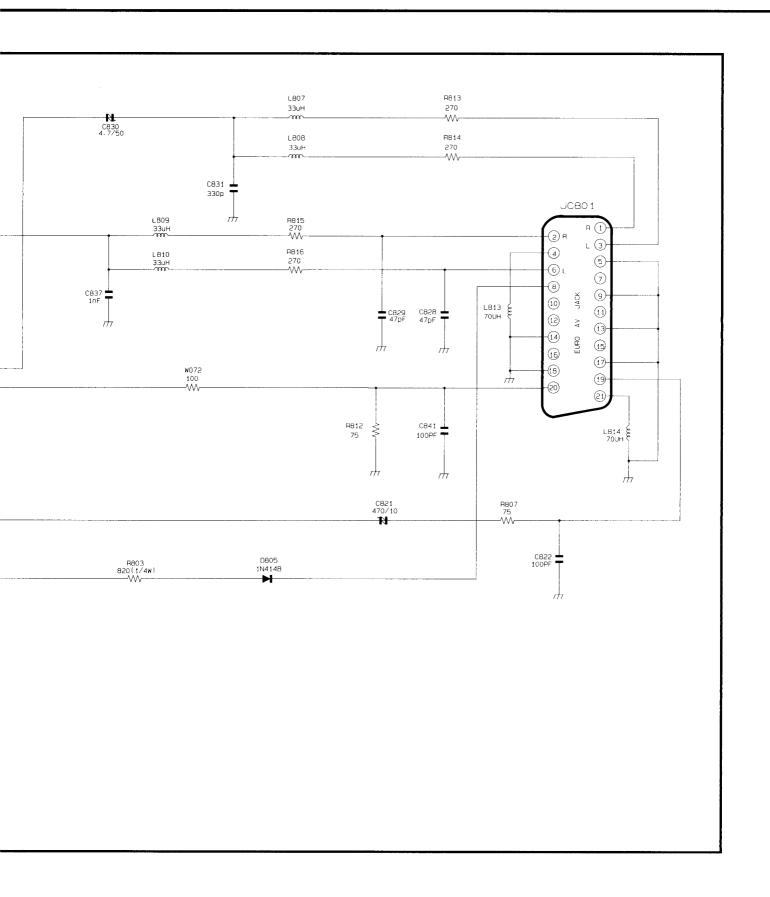


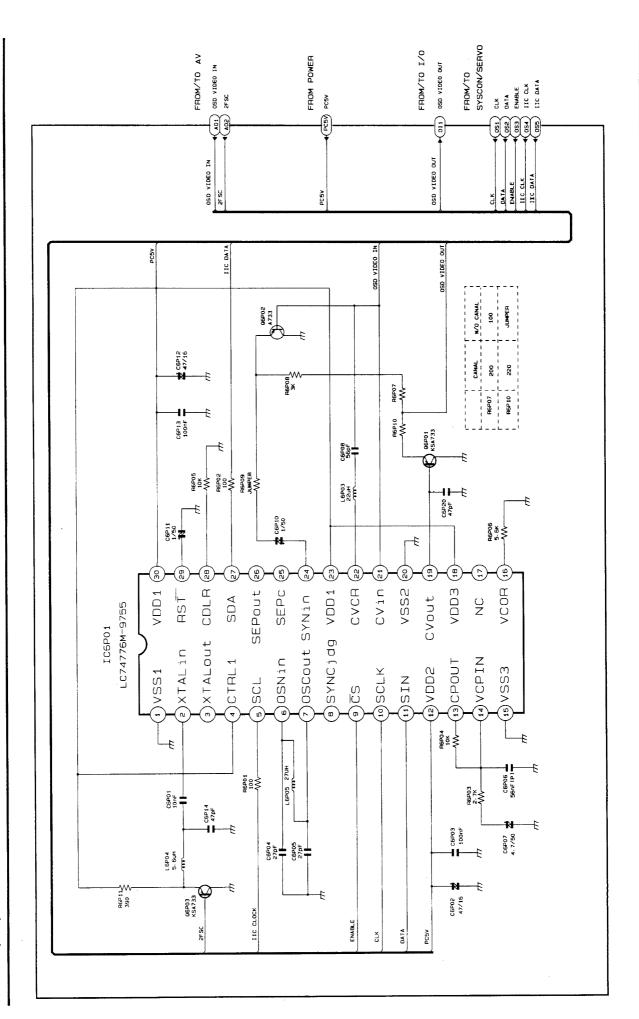
10-10 Input-Output (2 Scart)



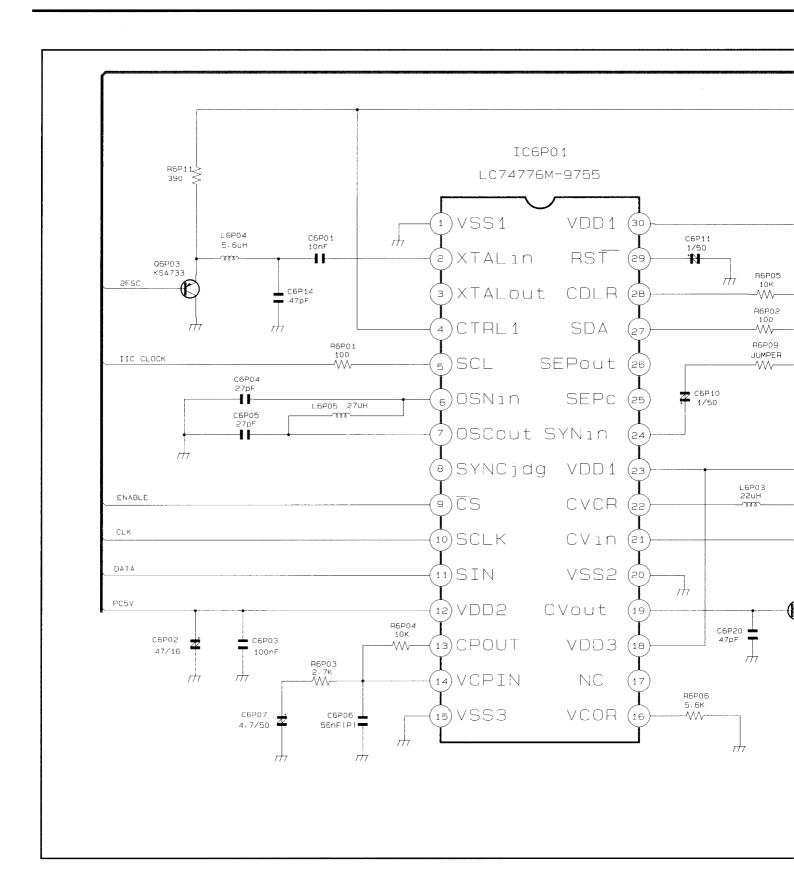


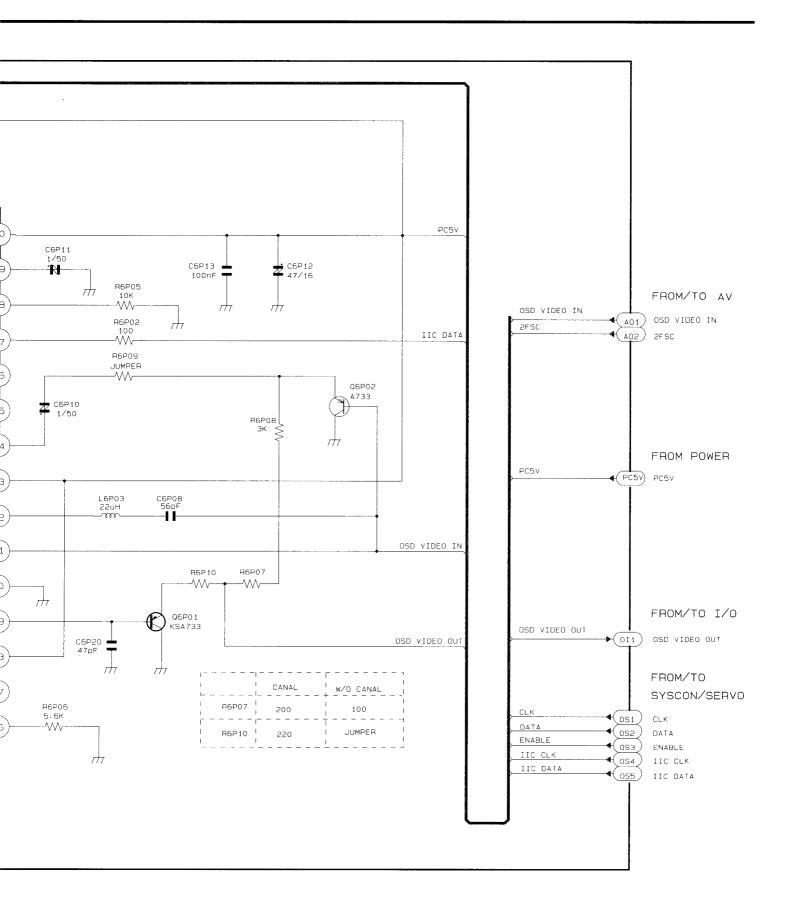


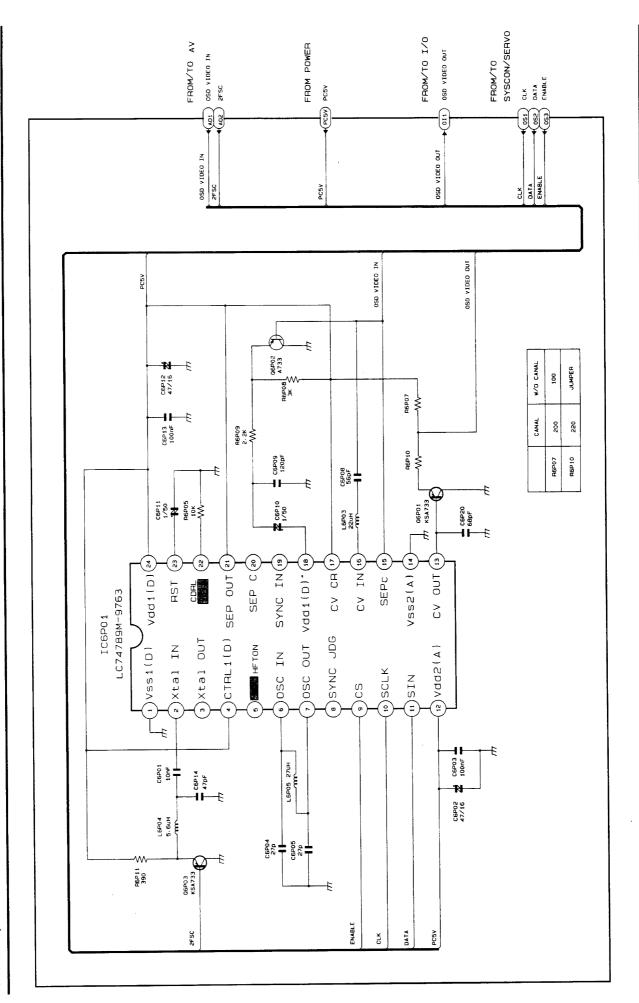


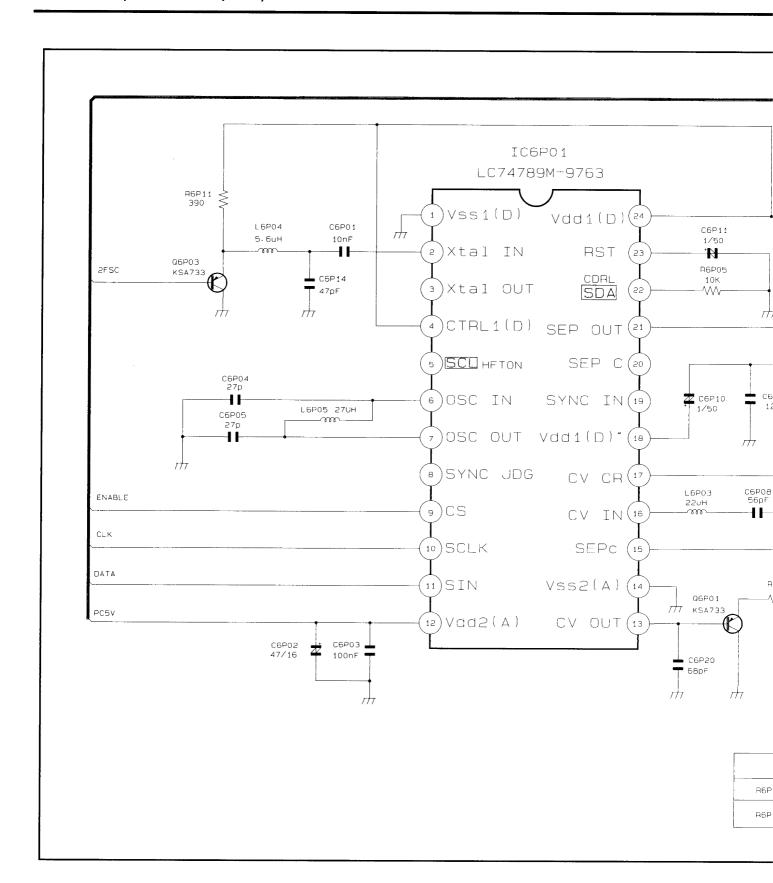


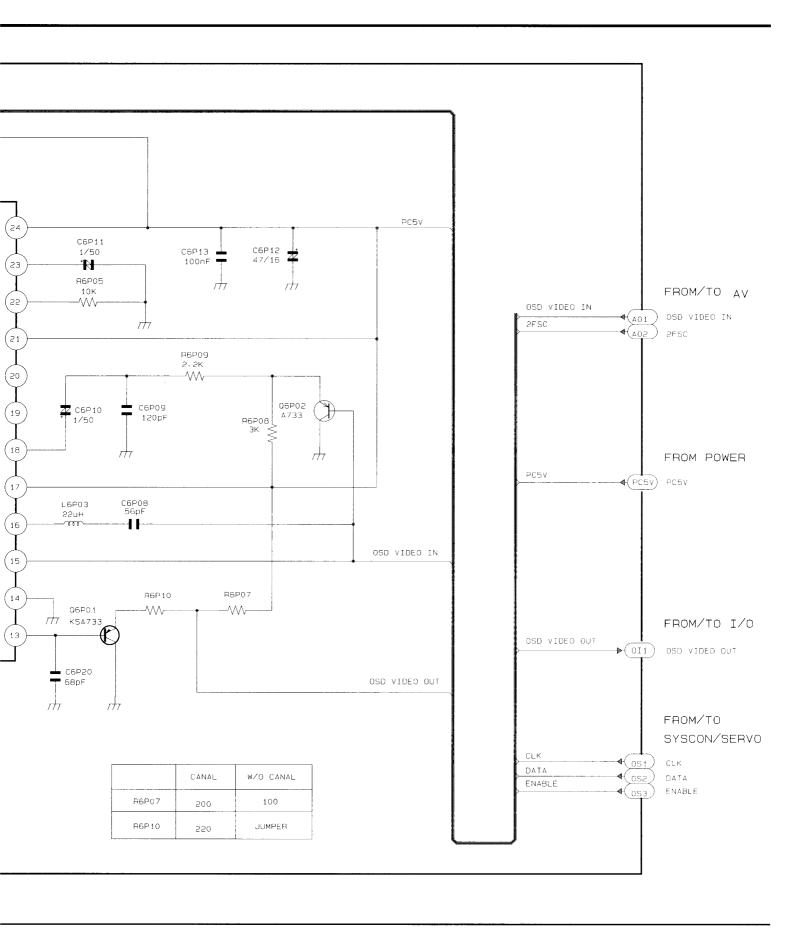
10-12 OSD/VPS/PCD

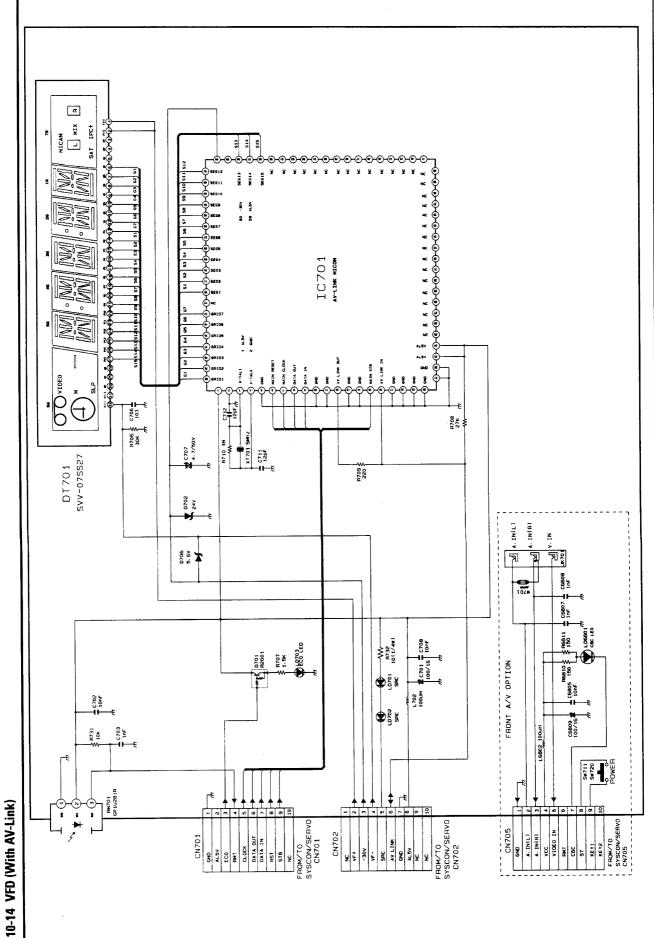




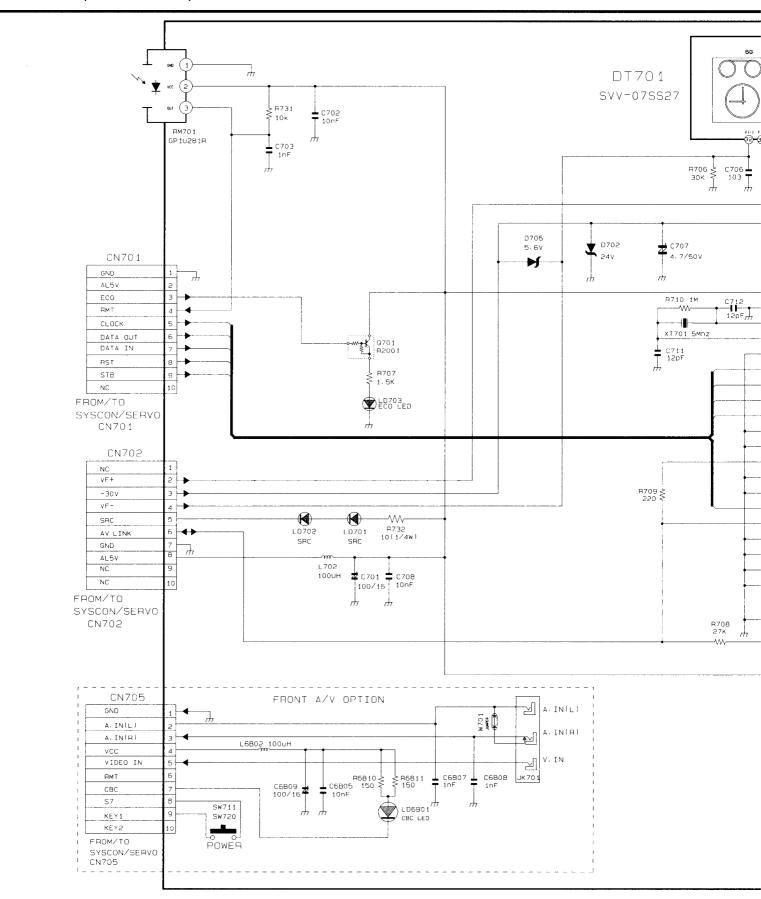


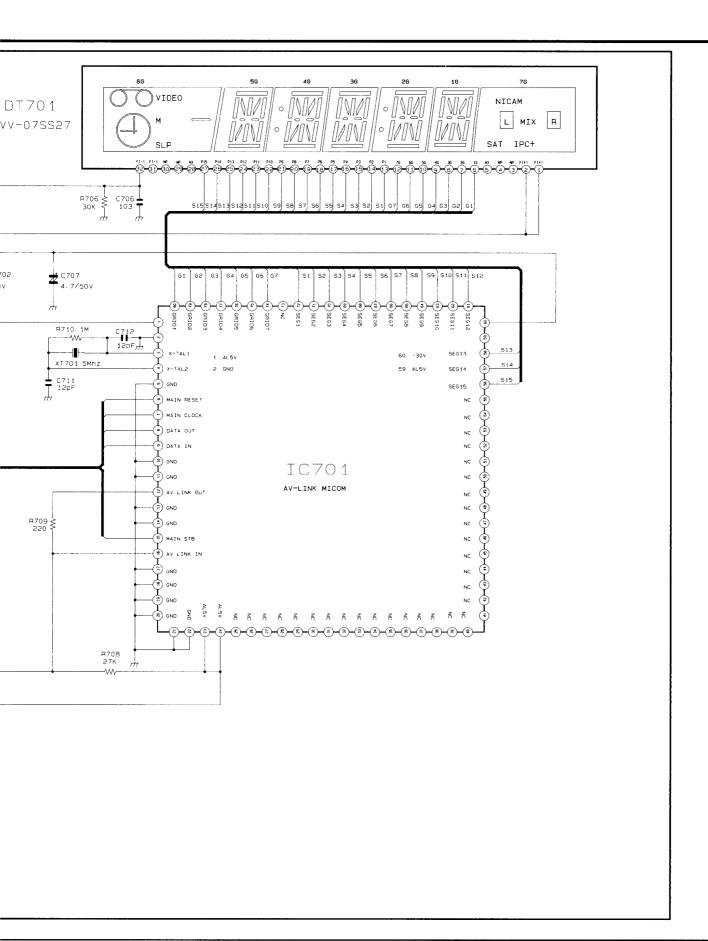


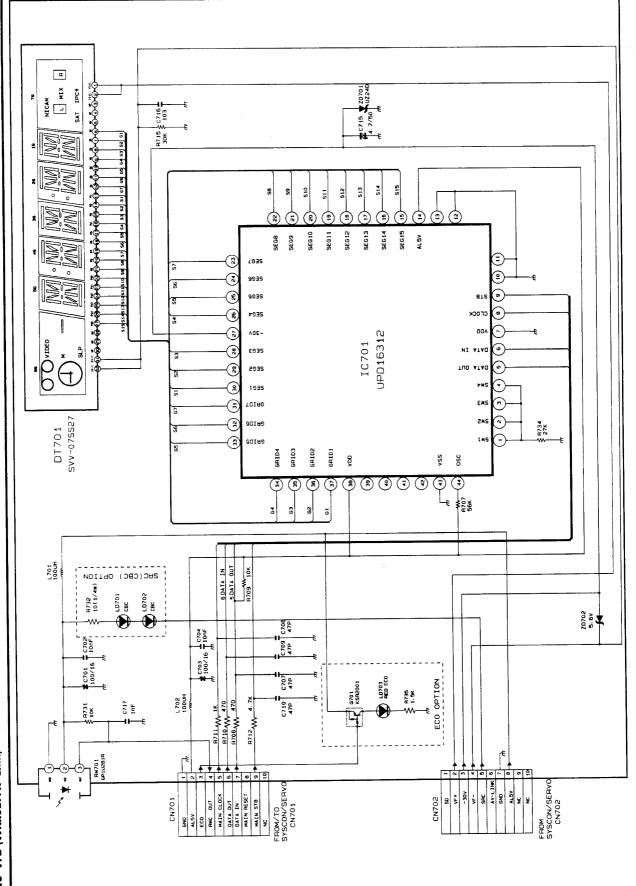




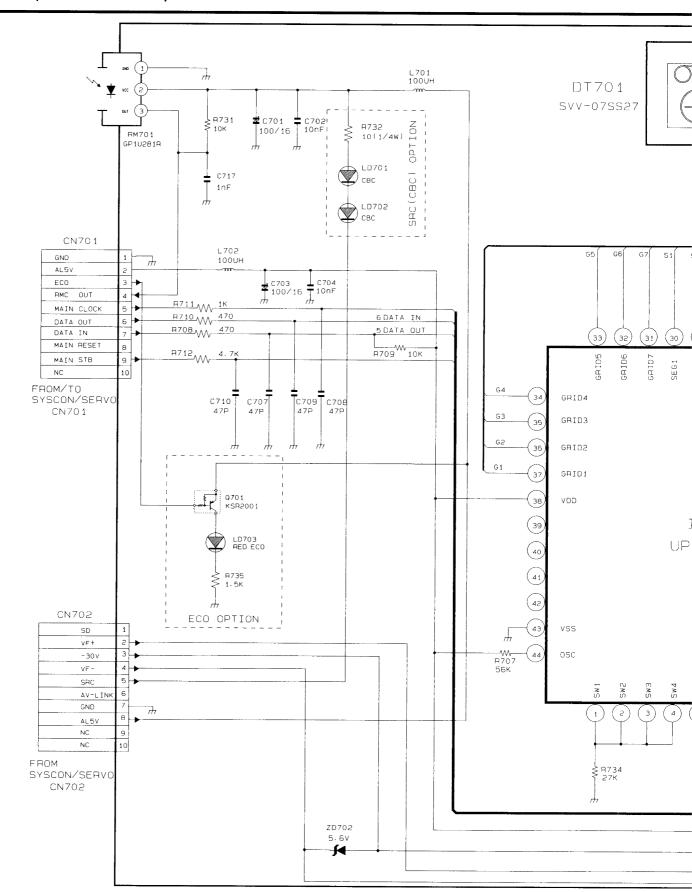
10-14 VFD (With AV-Link)

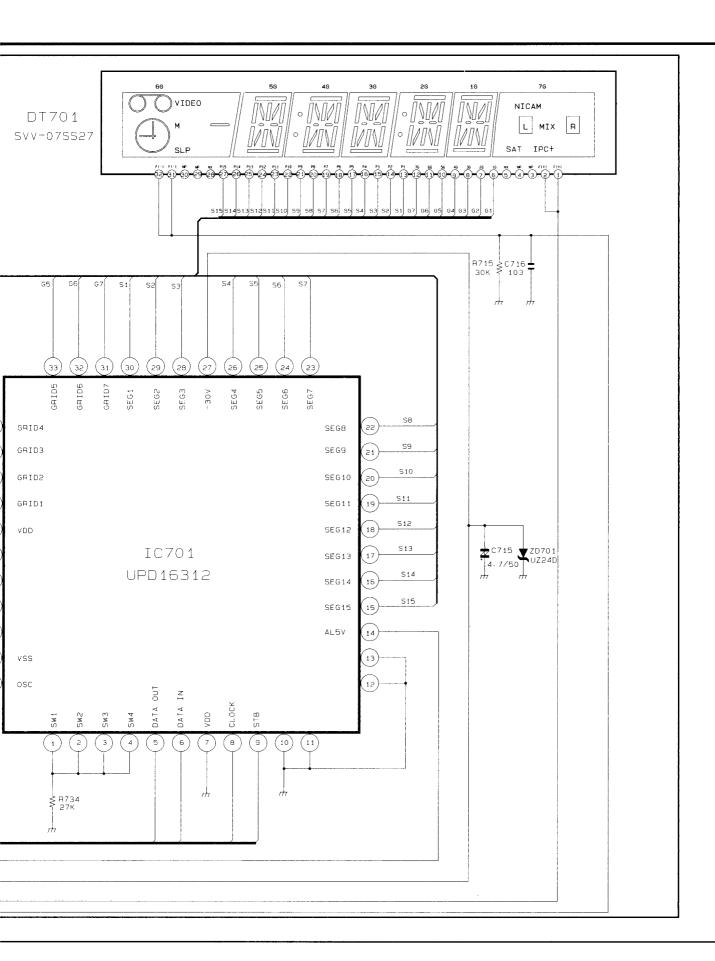


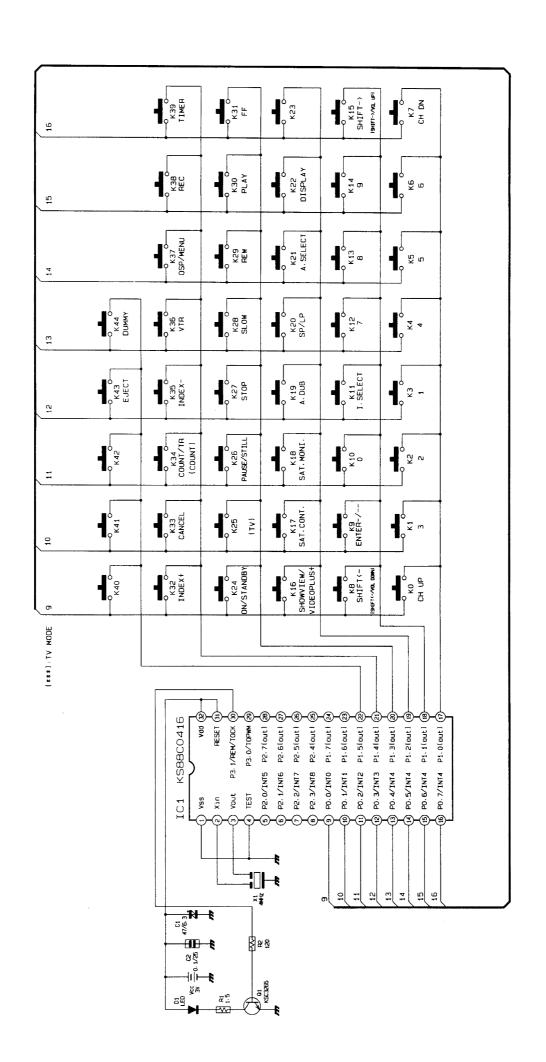




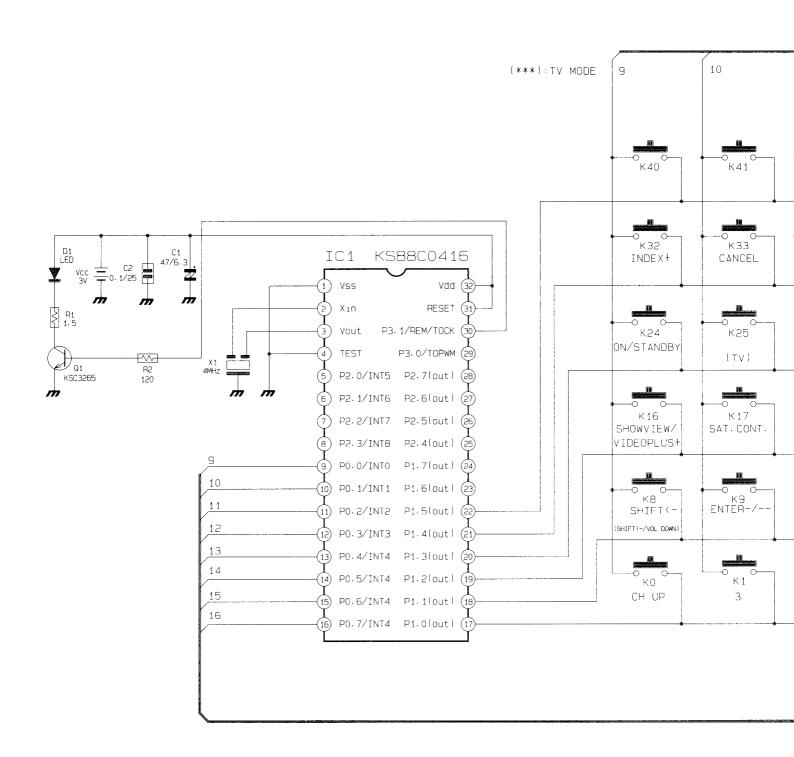
10-15 VFD (Without AV-Link)







10-16 Remote-Control (Multi)



| | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|-------------|-------------------|----------------------------|------------------|--------------------|------------------|-------------------|--------------------|
| 0 | K41 | K42 | K43 EJECT | O O K44 | | | |
| 2 X+ | K33 CANCEL | K34 COUNT/TR (COUNT) | K35 INDEX- | K36 VTR | K37 OSP/MENU | 0 0 K38 REC | K39 TIMER |
| 0 | K25 | O O-K26 PAUSE/STILL | K27 STOP | 0 0 K28 SLOW | K29 REW | K30 PLAY | K31 FF |
| EW/ _US+ | K17 SAT. CONT. | K18 SAT. MONI. | K 19 A · DUB | K20 SP/LP | K21 A. SELECT | K22 DISPLAY | K23 |
| O | K9 ENTER-/ | K10 0 | K11 I. SELECT | K12 7 | K13 8 | K14 9 | K15 SHIFT-) |
| JP Q | K1 3 | K2 2 | K3 1 | K4 4 | K5 5 | K6 6 | 0 0 K7 CH DN |

